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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 7932

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<400> 7933

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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7935

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<210> 7936
 <211> 1244
 <212> DNA
 <213> Aspergillus nidulans

<400> 7936

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<210> 7937
<211> 710
<212> DNA
<213> *Aspergillus nidulans*

<400> 7937

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<210> 7938
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 7938

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 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7939

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<211> 768
<212> DNA
<213> Aspergillus nidulans

<400> 7940

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<210> 7941
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 7941

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<210> 7942
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7942

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<210> 7943
 <211> 710
 <212> DNA
 <213> Aspergillus nidulans

<400> 7943

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<212> DNA
<213> *Aspergillus nidulans*

<400> 7944

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<210> 7945
<211> 640
<212> DNA
<213> Aspergillus nidulans

<400> 7945

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ctatgagtgt catagacact cataaccgcc actatcaccg acaaccctgc tcaaattatg 180
gctgcccagg ttctcaacta cgtttacgta ggtataggac tttctgtgat ccccggtgcc 240
caagcggaga ttagcataga tactgcatga cttcgcaacc gatccgcca aacaaggacg 300
aacagttcca gccgaagtac ggggtctagtt gtcgggacgc accagcttag tctcacattg 360
gaaggcgtgg tcatcaatgc tgtctgctat ggtaccagtg ggcttcctga taaccgcgca 420
tggcgcaccc ctctcggcct attctacgta gtccctacca tcatcgtggc ctcaatattc 480
ttccttccc agtctcccag gtggctgatt cggcagaata gagtggagga agcgaaggcg 540
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<210> 7946
<211> 154
<212> DNA
<213> Aspergillus nidulans

<400> 7946

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gtatctgata ccgcaaacac attgttgtat atta

154

<210> 7947

<211> 793

<212> DNA

<213> *Aspergillus nidulans*

<400> 7947

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gaaaaaagca tgcgattcat atccaggatt gaggaagtat tgaatatgat tcttagcggg 120

accctagctc agcaggcgac tccagtgtt acgccacagg tattcaacga ggagatgtac 180

acaccatatt ttgaattttc caaaacccca cgacgcggac cgatcttggt cctattgccg 240

ccaggggagg gaggggcaga aagctacttt aacaatatcg tcaagcactt gccacgact 300

aatatggtcg tctttaacaa ttactacctt cactccaaga gtctgaacac gtttgaaaag 360

ctagctgaga tgtatttggg gcacatccgt cagatccagc cagacgggac ttaccatttc 420

atcggatgga gttttggagg aacaatcgcg atggaaatat cgcgacagct cgtgggggcta 480

ggttcaacga ttggtctttt aggtatcatt gacacgtatt tcaacgtgcc tggagcaacg 540

cgggcaattg gcctcgggtga tactgaggtc ttggatccca ttcacatata atcccaacca 600

gaaccagccg atttccagtg cctcccagcc agcacagact acatcatttt attcaaagct 660

actaggggtga acgacaagtt tcagtctgaa aaccagaggc gtctgtacga gtactacgag 720

caaacattgc ttaatgatct cgactgttac tcctgtgtct taaaccttca tctaattccg 780

ctgaggagga tac 793

<210> 7948

<211> 657

<212> DNA

<213> *Aspergillus nidulans*

<400> 7948

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ctgctccttc tggcggtctg tttgggggtc tgggtacatc aaaacccgcg gaaacctcga 180

cgacgaagcc tgcagcctcg acaggagacc tgtttagcaa gcccgctgag acagcgacca 240

cgcaagctcc aagcacgtct gcggaagcta ctacaatcgg tactggcgcc aagccagcgc 300
tgactgcgac atccggacct actacgaccg caactgcagc aacctccggt acgagtggta 360
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aatcacgcct taagaataag acgatggatg aaatcattac tcgatgggcg actgacttaa 480
ccaagtacca gaaagaattc cgggagcaag ccgagaaggt tgccgagtgg gatagaatga 540
tagtcgagaa tggcagcagg gttcaaaaac tgtatggcag tacagtggac gctgaacgtg 600
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<210> 7949
<211> 1004
<212> DNA
<213> *Aspergillus nidulans*

<400> 7949
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atgtcgacta catttacatc aaatcctttg caacaccaaa tgcgctcaat ccccaaagac 180
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tataaatata gcccgcatg tagagggtgc ggagaacaac ccaggccgct cctaagcccg 300
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catgggggtg tctcatgacc ggggtaagac tgagctagct ggctagtaat gtttggtaac 720
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tgacgttctc ggaagacggg cagttagtcc atccggaact aggagagacc cgtgttccga 960

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1004

<210> 7950
<211> 629
<212> DNA
<213> Aspergillus nidulans

<400> 7950

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gaagaagccg ccggagatca tagctatgct gttcgtgcac cattgggaga tactgaactt 180
ttgcttcgac acggaccggg ctctgtttta gataaaaggc atgaccttaa atttcatctc 240
aatataagtt gcttataatc aacaaatccg ccttcccgcg gaattaatac aatgctctgc 300
cattgttact acctattaac ccattctgag tagacaaact gtcatacaa cacctgaaac 360
tgcacttaat tcatataccg attatctaca ccatatccgt gaaacagaca ctgctgtact 420
caatgaaaaa actcacctag gccgattcat acgatggcta gaccctgtga tcggtcattg 480
atgcccacac gatcaccatc atgaccgcct atttattcga cgttaccgaa ctgtaggtta 540
ttaagtgaga aaacaccatg agtgactact gactacgccc ataatgccgg ctgcttatcc 600
gtatctttcc acacttgtaa acatgcca 629

<210> 7951
<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 7951

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attgtgacca tattggacat tatgctcaaa actgtgaccg caatttacct gtccgtatcc 180
tttgccctca tagcagtctt cagatcggcc ttcaatgtag ccagcaacgg cggcagtgat 240
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accttgagca tcgttctgt gtgtggtggc aataatgaac agaagagatg cagcgtaatt 360
gagtccaggc caagtgaaag ggaatctgta taattatgtt tatgaggcag aatcggcgag 420

cagcggaggt gcagcaaaaag gcggagagaa gctcatcggg cccgtgcgca attttgttct 480
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<210> 7952
 <211> 832
 <212> DNA
 <213> Aspergillus nidulans

<400> 7952

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 gaagaagtgc cgccgcaact ccgcagcggc caatccacac ttcattcagt ctcccttgcc 180
 tcacacctcg ttactcagac acattttccc cgtttccgtg ccggttgacc tctctagttt 240
 cgctgatttg acgatacgag catggtttta aaggaccttc tgtggatgct ggcataattg 300
 gcatttatag tgctttctcc ctctcgaggg aattccacca gccaccgcta tcgcagcaca 360
 aatacatggc ttttctcaaa ctcccggaac tctcatatcg tgcttctaga gtcttcatgt 420
 tgtgaacttg gcattacgtt cagtgcacata ccctccttc gaccttcggt gataacctctt 480
 ggaggcagct caaccctgaa ctacgtacc gactgtacaa tataggacac aaatcaacga 540
 caagcaaacc gcccgatttt actgttcagt gaatttgtag gcactccttg ctggaatttc 600
 gatcttgcaa aaccctaaagt acaaagtacg caacagcagc acggcatgac gttctatctt 660
 taccgacgcc ccctacgagt acccaagcat ttgaggcaga taacctagat ccccccaact 720
 tcgagtatac ttttttttat gagaaacggc agtggccgac aagcgagcaa atcatggcgc 780
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<210> 7953
 <211> 586
 <212> DNA
 <213> Aspergillus nidulans

<400> 7953

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ctcaatatca aacgtgcatg caatcggtaa tgggttctggg aattgggggtt ttctagttaa 180
acgatgtatt ttagaatctt cgcgcttact cgtaccagat actactgaag tgcaaattcct 240
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cggcttccca cacgcacctc ttacacaagc acatcccgc caaagcgcca gcgcccactc 360
cctcctctcc ttaacattca actccacatc acagtaatga ttcaggatct cctcatcctt 420
ccgaattccc cccttcgcct tttccctctc ctcgccctgt ctcttccaaa caaccctctc 480
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acagctatga ttggcaagac accaaagcgg atgcaccgcg cacgtc 586

<210> 7954
<211> 418
<212> DNA
<213> Aspergillus nidulans
<400> 7954

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gtgaggtgta gactacagag gtatggaggt atggaggggt aaggactgta caaagcctaa 180
gaaagaatta acggcatagc ggggctggta acagggcttg aagcatagag gccgcatgga 240
cactgaatcg atggggtcgc acctggagta tgatctgaga gttgggaaat aaagcaacag 300
atatgatact gacaataggt tgcaaataaa taaggggtggg gggagtcgaa aacagggacc 360
tcggagatga cgattcggta agctaaagca gcgggtgacg acaccggact gatgaggt 418

<210> 7955
<211> 1114
<212> DNA
<213> Aspergillus nidulans
<400> 7955

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tctttttttg tttattatta gtattgagct ttgcattgtg ctactggtgg tgttcaggat 180
agcagaggta gacgcatagt catgcgctat tcaggatatgt gctgcgatgt agggagtgggt 240

tcggcggtat gaggggcagg atgcagccca gaactcaaat gtcaaagcag cagcatctgc 300
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<210> 7956
 <211> 864
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7956

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 cggatatgaa tccccagtta tgtccatctg cgggcccggc gtgtctggag aaacgaccgg 300
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 gaagtagtcg tcagcctcgt caatccgttg ctgatacggc tcctttgctg ggaatgaggc 420
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cgcttgggtg tcccggtagc ttgccgatgg actgtgtgag cgaggcgaaa cgtggccgctc 540
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ccgcgtgtgg ttccgtcgaa tatggtcgac agtgaacttc aagccatcca gaagatctga 660
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<210> 7957
<211> 891
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 7957

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gggacggcct ttctcttctg gaagttgaga tctagttgcc ctggtacatg ttaaattact 180
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cctcctgtct cccccgact caggagctca tcttgaattc gcccttaaac ctgccctacc 540
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<210> 7958
 <211> 104
 <212> DNA
 <213> Aspergillus nidulans

<400> 7958

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ctgccctgaa cggacgcttc acagcctgac aaaatatttc gccg 104

<210> 7959
 <211> 121
 <212> DNA
 <213> Aspergillus nidulans

<400> 7959

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cgactgacgc cagacgaagc ctgccacta ctccgcgca cgcgacgcag tcgagtcggt 120

c 121

<210> 7960
 <211> 738
 <212> DNA
 <213> Aspergillus nidulans

<400> 7960

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gttcactat gcaagggggc agtgcaaggt atatactgtc aatcgggtca agtacgtacc 180

atctccaaag gttccggtga cggccactgg gccacaggct tgtatttagc cagaccatgt 240

ctggatttag tgatgactgg cttgggcttc ttgctcgag cagaagggcc tgactgcggg 300

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ggcctaattgg gagccatgac gtcgaggggtt gaatttgcta gaacttagac atataatctg 660
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<210> 7961
<211> 612
<212> DNA
<213> Aspergillus nidulans

<400> 7961

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aatcttgccg gt 612

<210> 7962
<211> 750
<212> DNA
<213> Aspergillus nidulans

<400> 7962

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cttgacttaa gaccgcgtaa gtccgaaggt atgggtgaaa cgatgtctac cgtatggtga 180
tggcgaaata tcgagaaatc cttcgaacgg gggttgctgc aaggcgatta tccaacgcct 240
ctaggaagag aacttgattg gccgataagc gtggactaaa tgtcccagtc acccagtcag 300

accagtccca agcaggcgac tgttgggtatt cttttcgctg ttctagacac agtccccgagc 360
 cgtcgtacga gtcgccgcgc tgattgggct ggcacagtcg ctaagagctt tgtccccgag 420
 ttgggtgaag ctaaaaccca ggtcgggaaa gtgttgaggc gagagaggcg tagcaggaga 480
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 gccaaaaaca gggcccgctt tccgcctcga tatcagctgg agcctgtacg gtgggtggtg 660
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<210> 7963
 <211> 885
 <212> DNA
 <213> *Aspergillus nidulans*

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 aaatgcttga taaaggtgct gaaacctgc gcgaagtatc gtttgcccaa gctttcggac 300
 gtgacctggc tgaggccaag cattactgca tgctctatcg cgagacggaa gaaatcgggtg 360
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 ttgatctcgc tgttctggtt acctacaaa gtggcaggcc cattatccga atcatcagtt 540
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 gcagtgcgag cagctcctac atgtatgtgg tgaagggcca cgaagatatc cgacaagatg 660
 agagagtcac gcagttattc ggcttggcga acactcttct cgataacgat agtgaaagct 720
 tcaagcggca tctaacgggtg cagcgcttcc cggccattcc tctgtctcag aactctggta 780
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<210> 7964
 <211> 766
 <212> DNA
 <213> Aspergillus nidulans

<400> 7964

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agcaggttca gttggcagga tgagtcgctg aaccaaagtc tgctctatcg ccgactacta 480
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tgaacgagcc acggtatgaa aagcatccca gccttgcgtc tagacagcgc caacaccata 660
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<210> 7965
 <211> 814
 <212> DNA
 <213> Aspergillus nidulans

<400> 7965

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<210> 7966
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<212> DNA
<213> Aspergillus nidulans
<400> 7966

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tcttctttcc tcgtttctgt gtcgttatgt cacttcatac tttcctgtac tttttatacc 180
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<210> 7967
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<212> DNA
<213> Aspergillus nidulans
<400> 7967

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ctgtgcggct ctgggtcagt gttgtccttg gaaatcagat gatcttcaac ggtatcgtga 180
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<210> 7968
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 <212> DNA
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 <400> 7968

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 tttactatta ggcagcctgt ttgactcctt tgtgatttgt aggccagata cacttcagtg 540
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 cggggactat tttctttcca cattttaaac cttccggttt tgccccctt taggagtctt 780
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<210> 7969
 <211> 900
 <212> DNA
 <213> Aspergillus nidulans

<400> 7969

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<210> 7970
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 <212> DNA
 <213> Aspergillus nidulans

<400> 7970

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gtcccagttg cgggcttctg tgatgccgcg atcgaccact gtgccgttga cgggggttgt 180
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aataagcatt gttttgccct cgccgattat acccaactgg ctcggtcgta cgacttgatt 660
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<210> 7971
<211> 1088
<212> DNA
<213> Aspergillus nidulans
<400> 7971

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<210> 7972
<211> 197
<212> DNA
<213> Aspergillus nidulans

<400> 7972

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cgcggggtctt gtccccg 197

<210> 7973
<211> 131
<212> DNA
<213> Aspergillus nidulans

<400> 7973

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<210> 7974
<211> 568
<212> DNA
<213> Aspergillus nidulans

<400> 7974

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<210> 7975
 <211> 841
 <212> DNA
 <213> Aspergillus nidulans

<400> 7975
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<210> 7976

<211> 103
 <212> DNA
 <213> Aspergillus nidulans

<400> 7976

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<210> 7977
 <211> 749
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 7977

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<210> 7978
 <211> 1179
 <212> DNA
 <213> Aspergillus nidulans

<400> 7978

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<210> 7979
 <211> 1114
 <212> DNA
 <213> Aspergillus nidulans

<400> 7979

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<210> 7980
 <211> 963
 <212> DNA
 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
 <400> 7980

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<210> 7981
<211> 569
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 7982
<211> 949
<212> DNA
<213> Aspergillus nidulans

<400> 7982

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aacatgctcc acggaagctc catcagactt ccccataatc cgagcctcct tcgcccttct 180
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ttgatccagt cggatacaac cagggtaccc ctagcattcc aattccaaag gcaacatggt 720
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gaagcggagc aagatggtaa tgacgagaaa gcatacaaac tgtccagttc caaagagaag 840
catgagcctc ggcgggccgaa gcattcgatc atcgttactg cgatgcagga gaatatgaag 900
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<210> 7983

<211> 108

<212> DNA

<213> Aspergillus nidulans

<400> 7983

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gcggtttgag acgatgtaca agtaaccaat agagcaatcc actgcacg 108

<210> 7984

<211> 139

<212> DNA

<213> Aspergillus nidulans

<400> 7984

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<210> 7985
 <211> 143
 <212> DNA
 <213> Aspergillus nidulans

<400> 7985

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 gacagggttaa ttcagggtata ttt 143

<210> 7986
 <211> 651
 <212> DNA
 <213> Aspergillus nidulans

<400> 7986

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 gatcgacagg tgaattctcc tccactatat tttagcagct aagaatacca ggcactcact 180
 ggactgaacg gaaaacgagt gccctgtaaa ggccgacgaa tgggagagag aaaaatgcgc 240
 gtatgcacgg accagccgat gggcccgcgc agccctaact ccaccggcta tacaagatag 300
 gtgtatactc tggggcactg aaggctcagc cggggcccaa gttttataag atataaaggc 360
 caggtttgag agccctctcg aggaaaatag aaaagacaac acacttatca tggctaaact 420
 cgagccctac gtcgacgatt actatctctg ggagtacatt cctcccttc ctgcatctat 480
 catcttcgtg ctgctctttc tcgccgcaac gctcttccac tgctggaaag catggaaatc 540
 acgagctcga ttctgtatac ctttctgcat tggaggaata tgtacgttct aaccgctact 600
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<210> 7987
 <211> 629

<212> DNA
 <213> Aspergillus nidulans

<400> 7987

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 tatttttata gcgaggattt gcagcaaata cgacaggaag tcaggaacag gagagaagag 180
 aagcggaggg agctggtgaa ttattataga agaagacgaa ggagcaaaag gttattctta 240
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 atcgaagaaa atcgaatgag attaatttca agatgctgga aacagaaagg gagagaaaaa 360
 gcaaactgaa cttgggactt gggacttttg aagagcactg gacacgccac ggaacgccag 420
 tcagagactc actgcgttcg acaggagtcc aaggagtccg agaaatgca gagttgcctg 480
 attgggctgc atctttttac tttcctgtat tattattatc gtcgggacat gactggccct 540
 ctaggcatgg ctgcgaggag tgcagaacgt gggaagagcc tcttgaaccc cagaatcaga 600
 tccaatccca aaccagtact caagaaagt 629

<210> 7988
 <211> 902
 <212> DNA
 <213> Aspergillus nidulans

<400> 7988

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 ctacaccagg tatacagagt tagcgactca tgggtctaataaagaaagg gaaagggggg 180
 gatattgtta atttaccagg ttaaccatcc agccgagagc ctgtgcataa acaaacgctc 240
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 cgtcaagcat gacgaccgat gaagaagtaa tggcattaaa cgactataa ggtgttattg 360
 ctagcaagat gtaccagtca aagcacttac cttgatgagc cgaggaaaat gcaaccgaat 420
 acaatcacac agaacattgt caggtacaat ccattaaggg gcacctggag tttgggggtga 480
 actctgctaa agaaagggtga agccggcagt cctccatctc tgtttttggc cgttagtgcg 540
 acgccagcga ttctgtcgaa aactcttggc tcacctcgca aacgcatata ccatgcggct 600

gcttgtcgtc atgatcgtgg tggccgcaaa aacagtgcaa accagcggaa acctgcaaga 660
tctcgttagc atcaaccttg aacttcatag gggtcgaatg atgaactcac ataagaagac 720
agatcgatcc cgcgttgcta ttagtagcat catggaaaat ctgcaacaga ggtgtcgcag 780
cagactcgat gaccaggttg atatctcctg caacaaaaag cagcacaatg agaaagatca 840
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<210> 7989
<211> 828
<212> DNA
<213> Aspergillus nidulans

<400> 7989

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tgaatcaact ctttcaactca caaagttgag gttcgtagcg aagggttact agtattgttc 180
gtcggccgtg aatataagtc gtttccgctg atatataatt gtcttaacaa cgcattccac 240
tcaaattcca aacttcattc aacataccac aatagtataa atgcattcat cgtccagggt 300
ataaagtaat taacatatct cataatacat gaaaaaggaa aatgtaaaaag gaaaaggtaa 360
aagaaatgaa aaggggacta aacagaataa tcgcgcactt ggtaactcgg tttccgtaac 420
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cgaatggcgt cttgggggtgt ggggtgcata ggaagtttgt cgtcgttcgg ctggtacgga 780
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<210> 7990
<211> 199
<212> DNA
<213> Aspergillus nidulans

<400> 7990

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tcgagcagtc gatcgatata ggccggatcg acatgtacgg taatagggtg tgcgtgaaa 120
cacgcatata aatagtcaaa tggagtgaag agacatcggc aaggaccttg ctcgttcgag 180
tggtacgctc gtccaaga 199

<210> 7991

<211> 1124

<212> DNA

<213> Aspergillus nidulans

<400> 7991

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ttctcctggg gatctccata cttgtacggg ctgttcctcc aaccctcaa aatcaccatc 180
tatcgaatca ttctcatcgt ctctaatac gtcggctctg atgacttcca cactcgttc 240
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atacgaacag ctctcacaag atatcttcta agatagggga tttcttgacc cttttgcttc 780
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ccggcacggc tcatactatt agaaggggct tagggaaaat ttg 1124

<210> 7992
<211> 110
<212> DNA
<213> Aspergillus nidulans

<400> 7992

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actatcgtca ggtgttgag cattggaagt gcataatgtt ctatgagagt 110

<210> 7993
<211> 137
<212> DNA
<213> Aspergillus nidulans

<400> 7993

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tcccaccaag gctgcggtcg ctgacgcgcc agacagccct ggtcttgcag aggccccatgc 120

cgtcagtcag aattccg 137

<210> 7994
<211> 1055
<212> DNA
<213> Aspergillus nidulans

<400> 7994

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cgctatcatc gatcttggcc cagaagaagg aaagaaagta attggacaga aggaatggaa 120

ggacatctcg acgcaagttc gcgatggagg catctgggaa agggttgtgc agatcggcta 180

tcaagggcgg gaggggtcaa tagatgcaga ggtcgtatat aacctgtgag tgacactttc 240

aaacgtgcta tactatgcac taacaagctg atctactcag gggcactctt cttttgaacc 300

attctccttc ccaaattatc aatcagcaac gactcgaaac ctacctctcc tcttacgggc 360

aaccgaatct cgatattgaa gagcacctga actcgccac gagctctcaa caacaccgca 420

ttcgtaacgg aggcacagat acacaaaaag accttgctgc acgagttcgg ctgatcgagc 480

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 agccggagaa gcctgagact cgggagagac aatcacgagc gctggccgca gggtcacaaa 960
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<210> 7995
 <211> 668
 <212> DNA
 <213> Aspergillus nidulans
 <400> 7995

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 ggggcctggg cgtcggcgac gagccacgga tggcgcccag gctgcccgtt tgggtggacca 180
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 gagacatcga ggtctgggtg gaggggtcaa agctgggggtt gcaacgcttg gacgtcgatc 600
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 atttttca 668

<210> 7996
 <211> 143

<212> DNA
 <213> Aspergillus nidulans

<400> 7996

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 ccgttcggtt ctaccaacca gcg 143

<210> 7997
 <211> 1244
 <212> DNA
 <213> Aspergillus nidulans

<400> 7997

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<210> 7998
<211> 126
<212> DNA
<213> Aspergillus nidulans

<400> 7998

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gcccta 126

<210> 7999
<211> 704
<212> DNA
<213> Aspergillus nidulans

<400> 7999

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<210> 8000
 <211> 728
 <212> DNA
 <213> Aspergillus nidulans

<400> 8000

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 aacacagtct ctcgggcgcg gacaatcagg gcaacgttaa gttagctgaa gagccgactg 420
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 tgttcaccca tcgcaattcc tgcttcagat tttttttatc ctaaactc tacgttgcat 600
 ctaagcaaag ccacagtacg aatgcacacc gttcccttgg aagattcaat taactaagaa 660
 tcaattagaa aatggcccaa ctctacgact ggctcgttga aaccgggcca acgcggaagc 720
 cgttgaga 728

<210> 8001
 <211> 943
 <212> DNA
 <213> Aspergillus nidulans

<400> 8001

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 ccgctacgca gatcccacaa tcggaccatg ccatctgctg taccgcaagc gagggccgca 180
 tcaaagcact gcacgggtcc gacaaagtcc gcagaagcat ccggtagacg tccagacggg 240
 cgccactgtg attcgtttcc aagtgaagac gcttgcgcac tgcccaaagg acatccagag 300
 tctgtacgca ggcgcctttt accaagtcac agtgctcgag tgtcttctcg gcagaacctg 360
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 gaacagtgtc gtctaacgcc gctgtgatca tgggtccgaa cggatagtcg agatcgagag 720
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 cgtgaagaac tggcatagac cgtttccctg tgaccgttag ctgttgctct caatgcggga 840
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 ttgattccga catgaacgac gcatccattg ccggatcttc cga 943

<210> 8002
 <211> 519
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8002
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 ttgcagacac tgcgcataca cgcacagggc cctcaaagcc atgctcctgg acgtcggccg 180
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 gctggtctct gacagttctc gccagagat cgtagtcggc cgagtctcct cgactccagc 300
 cgccgaagtt gatcgtagtc ccaccccga gggccttccc agcgtggacg gagtgaattc 360
 tgttcccggt gtttgggtgg ggggtagtgg aatatttcca gtcgatgtcg gagcccagta 420
 gagagaagag tgggtgggtaa gtcttgacgt tcgggttggt cgaagggtcg acgcctgctt 480
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<210> 8003
 <211> 1035
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8003
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agaatatact ttatcttaca tctgccccct gaccacagtc agctaagcag ttacaatcag 180
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<213> *Aspergillus nidulans*

<400> 8004

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<400> 8006

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<400> 8007

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<212> DNA
<213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<210> 8019
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 <213> Aspergillus nidulans

<400> 8019

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 <213> Aspergillus nidulans

<400> 8020

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<210> 8021
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 <213> Aspergillus nidulans

<400> 8021

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<210> 8022

<211> 168

<212> DNA

<213> *Aspergillus nidulans*

<400> 8022

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<210> 8023
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<400> 8023

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*
 <400> 8025

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8026

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 <213> Aspergillus nidulans
 <400> 8027

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 <213> Aspergillus nidulans
 <400> 8028

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 <400> 8029

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8030

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 <213> Aspergillus nidulans

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<400> 8032

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8033

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<210> 8034
 <211> 1640
 <212> DNA
 <213> Aspergillus nidulans

<400> 8034

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<211> 615
<212> DNA

<213> Aspergillus nidulans

<400> 8035

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<210> 8036

<211> 990

<212> DNA

<213> Aspergillus nidulans

<400> 8036

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<400> 8038

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<210> 8039
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8039

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<210> 8040

<211> 1710

<212> DNA

<213> *Aspergillus nidulans*

<400> 8040

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8041

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<400> 8042

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 <212> DNA
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<400> 8043

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 <211> 702
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8045
 <211> 737
 <212> DNA
 <213> Aspergillus nidulans

<400> 8045

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8049

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1336

<210> 8050
<211> 788
<212> DNA
<213> Aspergillus nidulans

<400> 8050

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<212> DNA
<213> Aspergillus nidulans

<400> 8051

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8052

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<210> 8053

<211> 890

<212> DNA

<213> *Aspergillus nidulans*

<400> 8053

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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8054

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 <213> *Aspergillus nidulans*

<400> 8055

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<210> 8056

<211> 1533

<212> DNA

<213> *Aspergillus nidulans*

<400> 8056

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<210> 8057

<211> 676

<212> DNA
 <213> Aspergillus nidulans

<400> 8057

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<210> 8058
 <211> 1161
 <212> DNA
 <213> Aspergillus nidulans

<400> 8058

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 <400> 8059

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1049

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<213> *Aspergillus nidulans*

<400> 8061

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 <213> Aspergillus nidulans

<400> 8062

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8064

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 <213> Aspergillus nidulans
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<211> 1160

<212> DNA

<213> *Aspergillus nidulans*

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 <211> 707
 <212> DNA
 <213> Aspergillus nidulans

<400> 8074

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 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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<212> DNA
<213> Aspergillus nidulans

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<210> 8078

<211> 601
 <212> DNA
 <213> Aspergillus nidulans

<400> 8078

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 <213> Aspergillus nidulans

<400> 8079

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 <211> 394
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8082

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<210> 8083
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8083

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 <212> DNA
 <213> *Aspergillus nidulans*

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<213> Aspergillus nidulans

<400> 8085

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<210> 8086

<211> 853

<212> DNA

<213> Aspergillus nidulans

<400> 8086

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<211> 883
<212> DNA
<213> *Aspergillus nidulans*

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883

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<211> 869
<212> DNA
<213> Aspergillus nidulans

<400> 8088

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gactgggcag gaacattaat tgtaaagcgt gacgggcaca gtgatcacac tgacttacat 180
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<211> 1048
<212> DNA
<213> Aspergillus nidulans

<400> 8089

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<210> 8090
<211> 841
<212> DNA
<213> Aspergillus nidulans
<400> 8090

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<210> 8091
<211> 158
<212> DNA
<213> *Aspergillus nidulans*

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<210> 8092
<211> 687
<212> DNA
<213> *Aspergillus nidulans*

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<210> 8093
 <211> 695
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8093

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<210> 8094
 <211> 927
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8094

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<210> 8095
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 <212> DNA
 <213> *Aspergillus nidulans*

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 <213> *Aspergillus nidulans*

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<210> 8097
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8097

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<210> 8098
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 <213> Aspergillus nidulans

<400> 8098

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<210> 8099
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8099

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<210> 8100
 <211> 551
 <212> DNA
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<400> 8100

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<210> 8101
 <211> 113
 <212> DNA
 <213> Aspergillus nidulans

<400> 8101

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<210> 8102
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 <212> DNA
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<400> 8102

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<210> 8103

<211> 210

<212> DNA

<213> *Aspergillus nidulans*

<400> 8103

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<210> 8104
<211> 710
<212> DNA
<213> Aspergillus nidulans

<400> 8104

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cttgcgctct cgtttggttg ggagctatct catcactaaa gaggcattca gcaccgtggg 600
ctttgcgcg gttatcaggg tagacgggaa ataagcaaat ctagagtccc aatagccgtg 660
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<210> 8105
<211> 1114
<212> DNA
<213> Aspergillus nidulans

<400> 8105

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<210> 8106
 <211> 680
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8106
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 ctttggtatg ataatagacg ttattgtcga atactagaat atcatcaagg tagaagtgtc 180
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gtatgatgac cgcacatgtt 680

<210> 8107
<211> 1009
<212> DNA
<213> Aspergillus nidulans

<400> 8107

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gatatggtac ctaggcctgg taataggtct gaggcccaaa aacctacctc tcatgcggca 900
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<210> 8108
<211> 515
<212> DNA
<213> Aspergillus nidulans

<400> 8108

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 gtgtcttaat ggacagcctt ctgaaggata aaataaagaa cggccaagag ccacgccaat 240
 tcgccgttgc tgaacaatgt ccaaaagccc catcagtatc tacaagcagc aatggagccc 300
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 tccttatcca aaagatgctt caagaaattg gcaggtgcaa gtacaagctt gaagaaagcc 420
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<210> 8109
 <211> 1160
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8109
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 aacgccgcag tcgacagtga tctcgccaat tactaaaac ccgccatgat cccaggctca 180
 acatccacat tctggcgctc cttcggcagt gccttcgcgt ggagcagctc cacagcgtct 240
 gtgcccgcag gtccctccgt aatagcaaag ctaccatcaa acgtggaaat ggaaacacac 300
 gatttcacac gcgaggagat agccgaaaaa cgaatgctcc tgctgaacga taacggccaa 360
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 aatttcacct gagccttggt catatttaac ttcacctca gtatatttat cgcatacaca 1020
 gtataccggt atactccccg catccattac ctttatccac gcaaagacac atacttatac 1080
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<210> 8110
 <211> 212
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8110

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 gccacatcag ggtactagga acttccagct taattagcag gctttcatca caccggagag 180
 gaagagcagc catcggcagt tgatggaggt ga 212

<210> 8111
 <211> 687
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8111

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 caatgacgct atagctcggc tcaatgcggc tagccccctc cgtcgggtcca gcccaatcag 180
 atcacaagac cctggctagc tctcgaataa agcaccatca catgccactc gcttctgttt 240
 cattctctaa cttctttctt ctcttcaacg ctcaaactcat ggatcgtggc ctctcaacag 300
 gcaccaatca gtccggtgct ggacttcggg aacgagctgt gacttctcag gccgatttaa 360
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aactttccga ctcgttgcct gacaatactc gcgggcatat ttcctgctgt ggaacttctt 660
caggtgcaaa ataccgtatc gcggtga 687

<210> 8112
<211> 1106
<212> DNA
<213> *Aspergillus nidulans*

<400> 8112

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cggcttttac tgacttctt tccccccac tccagacgtc ctccgcttgg tcctcgga 480
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<210> 8113

<211> 694
 <212> DNA
 <213> Aspergillus nidulans

<400> 8113

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tacaagccga gagcataaag tgaaaagcct gcggtggcta atgaccatgc taacatccat  180
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atcaatgaat cagctcacca cgcgcccgag aggaaaattg aatatagagc gctcataggc  300
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gagtgcctaa atatacgagt gtgccagga gataacctta tttttcctta ggaacttggg  600
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<210> 8114
 <211> 992
 <212> DNA
 <213> Aspergillus nidulans

<400> 8114

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cgaatttcag gaagcataat gcgttttcgat ccgccgcctt gggtagcaca gggtagctcgg 540
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<210> 8115
 <211> 520
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8115
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 gaacgagaac cccacgataa atgggatggg tgaaccgccg tgggagttgt acatgtgggt 180
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 gtatcaggat cccagtatgc tgatgcgcta tgcgcagtat tgcaaggaga gacatcaaatt 360
 ggatctttac gaagagcaca tggggaaagc ggctgcttcg ggatacaaag acgcgtgccg 420
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<210> 8116
 <211> 164
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8116
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<210> 8117
<211> 908
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8117

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<210> 8118
<211> 800
<212> DNA
<213> Aspergillus nidulans

<400> 8118

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 taacaggttt tttggaacct tttgtcttta aacactgtat ttttttgtt caacttttta 720
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<210> 8119
 <211> 658
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8119

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tgactcctag acaatggtga tgaatatgaa gctgggtctg tgacaccagg accaagga 658

<210> 8120
 <211> 596
 <212> DNA
 <213> Aspergillus nidulans

<400> 8120

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<210> 8121
 <211> 794
 <212> DNA
 <213> Aspergillus nidulans

<400> 8121

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 ctttcttgct ttttgtagg gttccccaac actggcgcca gaccaccatc gatatttcag 300
 gacgcagcgc tgaaaccacc gatctgaggc atcgggcgac ctgggcacgg tctttgtgac 360
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tggatgatga gtaatagtac gggaagagcg aaccaacagg ggcattggcgt caggtcaggc 540
 ccagccacca tcttccttga aggccaacat gaaactgac tggaataaga acatagagga 600
 agcaaattac tagagctctc caccagggcc cgccggggaa tcagagctag ggaaccgact 660
 cttcgacag gtttgatggg ttgatggcga taccgaggat ggatccgaat ccagactcca 720
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<210> 8122
 <211> 533
 <212> DNA
 <213> Aspergillus nidulans

<400> 8122
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 aaccacttca ggataggtct atgaaaggaa tgaacgctgg ggaggggaata tatgcttaag 180
 aagcgagcat aatgcccata aatatcaatt cgagcgaggt tgagagcatc agcgatgacg 240
 ggatagttta cttggctcgt cgcccgccgc cgcaggcgtc cttcccgatc ggaggcggca 300
 ggcacgtgat tattctctgc cactcaaga ca'cagccact actaccacgt taccagccac 360
 cccg'cg'tta aggcagt'gac catccaatgc cgcggagccg cctactagc ctcagggggg 420
 gtttg'tccac gactctacgt cagcttg'gta tctcaattct tctgcctttg accagtcttt 480
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<210> 8123
 <211> 982
 <212> DNA
 <213> Aspergillus nidulans

<400> 8123
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 catgccaggc ggatgaaaag ctcgggggtc accaaggggg cagtccgcga cgggttttca 180
 agtcagaaag agctgcgcgc cattgcgaga ggg'tggaggg agtgggttgc gcatgaggat 240

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 tgtaggagt cagttctggc aaagtgagtg tgtactatgg gagagtggct tacgtatttg 840
 ggcattctga tggttattca gaggtagctg ttcctgacca gtgcatccag tggaaagata 900
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 atccagataa ggcagccggc gg 982

<210> 8124
 <211> 854
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8124

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 gctcagcggg aaacgcaaca ttgtagtggg ttcgttgccc ggagaatgag ataatttggc 180
 cctcagttct ttcgtcatca caagcgagac aacgaattct tcgatatcac gggaaccctt 240
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 taactttatg attaagaact tgtcgtatgc ttcaaagacc tggtaaacia gtccagagtt 360
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 cgccaaattg tttgccttag actaatttcg gttctcagtc tttggaagtc acgtttctcg 480
 aacgcctcgg ccagcgagat gtatggcttc gacaatgact ggtataccgc ggtaacatga 540
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catttcggtc ccaaattaat caccttcccg tgcccaagca gattcgccaa aaccacttc 660
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 cccaggcaat gagacgcctg gtccacttc ttgagagcca tataaaccat cccgctgtac 780
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<210> 8125
 <211> 1521
 <212> DNA
 <213> Aspergillus nidulans

<400> 8125

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 atgcagagtc gccggcccca ggatatcgtc aatggggagc ctgcttgctg gcttctccaa 180
 agcttgagg aaccacccag catggagaat agcgctgact ccgtcgatat ggtttgagcc 240
 gtgagcagcc acgccgagaa tatcgacctc cacccaaacg aagcccttgt gcgcatgcgc 300
 aataatctcg ttcgtaggct caggtacaac agcggcgta gccctccaac cggcagctag 360
 aatgtccctc gtcccctggg atgcgtcctc ctgctcgag acggcggcaa taatgacatc 420
 tccacgcaag ggctcgcaac tggctttgat cgctgaaaga gccgctaatt cgcttgcgag 480
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<210> 8126
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8126

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 gcggcctccc tcggcgaaca gtatcagcgc tttcaaaaaa tcgtaccgga attgctccct 180
 gcgtccaatg acattatcct cccccggagc aggtccgacg tgttgggaatt tctcgagaac 240
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 ggctgcaca aacctgtaag ctgactccct attacgtcgc agcgtctgct gcactcgcac 360
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<210> 8127
 <211> 1078
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8127

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 gtagtgatca ggaaggtaac cacggccgcg atggcgttca gcacgagcag gcaatgatcg 180

ttcgccgcac agccttcttc tgccctgtca ggccggagaag aaagagcagg atagaggtct 240
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 cttgatgtgc ctttcgatgg gatggcaaac acctactgca taggaaaatt tcgcacctgg 360
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 cactgcgatt ttcagtttga cagtcaactgg agtggtcggg agagagagag agtacgaagt 480
 gacagtctcg ccctagtata gaatctgcaa atccttaagc cattgtccac ttccaaggga 540
 gaaaaaagac acttaccocg gccacgcata tcaccagtc atctgtctct attaacacgt 600
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 tgccaatcgc ctgcgectgc aggttatcgt ggggcagatc gcctgtaacg gttgtggcca 780
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 gttggggttg aggtcacaaa cgattttctg tgccgattcg cctccgcaact aggttctggt 960
 ggtcattaat aagatgaatg actgtgttag gtgaaaagac tggcattttt cctgtcgtta 1020
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<210> 8128
 <211> 1221
 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 8128

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ccacggccac cggccagccc ctgacttgtg cgtgaaacaa ccggagttcc gactgaaaag 840
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<210> 8129
<211> 1272
<212> DNA
<213> *Aspergillus nidulans*

<400> 8129

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ccgagggctt ttogaagcca accgcaaagg taacaatcaa catagccact gcattggacta 540

tgcatataaa ggccacaacc agtgcggtcc gataagtagg tccttctttc cgcggtactg 600
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<210> 8130
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8131
 <211> 1001
 <212> DNA
 <213> *Aspergillus nidulans*

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 atcatcaagc cttccttcct cctcaaattg cgtgggttag ttcaattgtt aacggcatcg 180

gcagtgcagc aaactggctc ctatctaact cgggcctcat caacaatggt ctcggcactg 240
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<210> 8132
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8132

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<210> 8133
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8133

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 aaaatcatcg tcatccaaac catcatcatc ataagcggtc gtctcaattt tgtcactcct 180
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<210> 8134
<211> 934
<212> DNA
<213> Aspergillus nidulans

<400> 8134

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aattcggatg aactcgaaac agtgatcttg aaacagtaaa ctgggagggt gggaagtgtg 600
taacctcaca acagtgggtc aggaggacgg acaagcttca agacctctgc caactggatc 660
cgattccgag tccaagcaaa cttgcactag atccaggta tataagggtg ctgtcttcag 720
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ggctttgtcg ttgcttggct atttaagacc cagacctggc tcccagtgac tactgcgaat 840
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<210> 8135
<211> 789
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8135

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 acaaccggcc caagctgaac caagtccagc cgaacctgcc cgccgtgtgc atacaaccat 180
 aagaggccgc cagttggaca ttaccggact ggaaattgat ccagaatatc tcgaagcgct 240
 ccctgaggag ttgcgtgaag aagtgatcat gcagcaattg gctgagcagc gctcacaagc 300
 tgccgctgct ggcgaggagc ccagtgaat caatactgaa ttccttgacg cattgcctcc 360
 tgagattcgt gatgaactcc tccagcagga agcagccgac cgtcgacgcc gggaacgtga 420
 aaatgctcgt aggcaagcag ggacaggctc cgccgctgcc gccgctcatc ctgaagaaat 480
 ggatccggcc agctttctcg ctacgcttga cccaacttta cgttctgctg tccttgctga 540
 acaacctgaa gaattacttg ccaccctcgg accggagttt gtttctgaag cccgtgctct 600
 ttcaggagga aggtcgaggc tcaccaatt cggcgatatc ccaagagtag atcaccgcca 660
 gcggacagaa caggccgacg atcaagagcc aaagaaacag caacgccgcc aaatngttca 720
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 caatgcgcg 789

<210> 8136
 <211> 638
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8136
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 ccagcggat tgctctcaat gtatcgtctt tgatgtgtta atccgtcaaa agctttaaga 180
 ggatttaata cggagttata agtggttgag gaggaggctt ccaccgttca ataaacgaag 240
 gacggaccaa ccaaagcagc gggagctcca agtcagggtg cctgcaaccg cctactctcg 300
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 tcacgtcatc tcgtgctct tcagcttctc tgtagcccg cgttccactt ttccgcttct 480
 gccctgagct gccctgttag tttccagcca ccaacgagcc agcttttcgg gccagcatc 540
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gttatctcgg tcgttttctt ctagcgagtc gttgcaca 638

<210> 8137
 <211> 125
 <212> DNA
 <213> Aspergillus nidulans

<400> 8137

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aatcgcataa gctacgcgaa ctacgtatcg gtctaaaggt gcctctccct ttaagagttg 120

gtggtt 125

<210> 8138
 <211> 831
 <212> DNA
 <213> Aspergillus nidulans

<400> 8138

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gctggatatgc agcttgctga cgaggaactg gtagtactca tgcgcatcct gctgttgata 180

accagccaag gtctacacga aagtcagctt gtcgcagctt aagaactcgg aaatgcacct 240

actgggcttg cacgccagga ggccagaagc aggttgagcg ccgcgaagcc ctccggcttg 300

tcgatgctgt ggaaatcggc aaaagcttca gcaacagcgc atccaatgca atccgcaacc 360

gtgcaatcat gcggttggtg accattaccg agaaagtagg tactgaggat cggatcatgc 420

aatagcgtct gcagaatgac gttcaggtag catgtctgcc cgagattgaa caagcctcta 480

acgccttgct tcgcacacgg ccgcgggtta gcgttgctct tgacgtaaag ttcgtcggcc 540

gagctctcgc taaaacgccg tttccttgcg actgcagggg attagctaac gaacaagaaa 600

ccgccggggc tcacgcggac cttttaatgt gctctctggg gttgctgata tgcacgttc 660

taggccgtga tcgtacacca aatcttcgca gccctggcaa aacaaagctc ggtttctcga 720

ctccatgtct gagcgaatta gctctgcagc cggtgccaaa tcaatacctt tcaattacag 780

aattgatgac cagtgttttc tgtgtgtgac ttccggtcgc cattcatata c 831

<210> 8139
 <211> 226
 <212> DNA
 <213> Aspergillus nidulans

<400> 8139

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 cacaggaccc ggtggcgagc aggagagctg ttcactcgga attcggaaga ttgataccga 180
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<210> 8140
 <211> 575
 <212> DNA
 <213> Aspergillus nidulans

<400> 8140

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 catcgccgta tctccccggt tcaacaagtt ttactggacg caaaaggggg cgccaagag 180
 cgggaggggg cgcatcctct gcgctggaat tcatactcct cctggcccca ttgcagccgg 240
 agccgacaag gacgaggaac tatgtatcct gagcgggctg cctgagccaa ttgacctgga 300
 aatcgacgaa gagaggggtc aattatactg gacagaccgg tgcgagttgc cctggggaaa 360
 tgcggtatat cgagtgcagt tagacagaga gggtcgacca gtgagaaagc ctgagatcct 420
 ggcttgcggg cttcatgaag caattcggac tgagcctttg tcacaagtca ggagatatat 480
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<210> 8141
 <211> 718
 <212> DNA
 <213> Aspergillus nidulans

<400> 8141

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tctcattatt catagattct gtgtaatgta ccaataatct atcctaaacc acatttccca 180
ccaaggagca tctgacatct cagttatcct cgtactccag gccatgacca tacctgaaga 240
caggattctc cgtatcgaat ggcagatcct ctgcctgcgc ctgcacagcg tccattgacc 300
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gaataacggc aggccggtcc aagatgatgt ctacaatagt cgggagggat gagtagatct 480
tggcctggcg tgccttctca gtggcgtaa atgcgagaga acctgcgtgg aaattggcct 540
caaaggtacc gttacgtggt tcatacggcg cattgtaccg gagcagggca aagtcggcct 600
cttcagtggg gttgacgacg gtatagttcc tggcggacat gaaggcggaa tcgaagcctt 660
cgatgtagaa tcttgtaccc tcaccaggtt tggcgagagg aaggattgtc tgattggt 718

<210> 8142
<211> 392
<212> DNA
<213> Aspergillus nidulans

<400> 8142
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tctcatactg cgtcttcgca agaggcttgc gtacgccgta catgtaggca tgagttagata 180
tacttagata ttatataata tcatataata tgggaacagg gcaggatcga cggcgcatga 240
cgcaggacaa gaatcatacc tctagctatc tacgctatca gtattttgag aatcgtaaag 300
taacaaaata tggctctgaa gctgggctct gaaatatttg ctaacctgtc tggatcagtc 360
acaatgtaat gatacgtttg caaagtagtt tg 392

<210> 8143
<211> 1151
<212> DNA
<213> Aspergillus nidulans

<400> 8143
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gagaccgcga agccgcgaac attgagagga cttttggtag aattcctgga ggactgagcg 180
cacataacct ggacaactaa ttccacaggg ctcggggatt ataagcgagg gctaaatttt 240
gacaagctac gcaaggcgct ggtaaagaat gtaggcctcg gaagcacatc ccgccacaaa 300
tgtcggaaca cccgcccgtc aagggtttct taatatacaa gcatattttt tgagttattt 360
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ttgacttggt ttcgtgtccc tggccgtggt caacagcaca accttaccct atcatgcgag 480
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gtcgccacca atgccgacgg gtaattgtga gccttcattg aggggtggaca atccacaggc 780
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tagggtgccg g 1151

<210> 8144
<211> 450
<212> DNA
<213> Aspergillus nidulans

<400> 8144

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acagtcta atcagcgtgcc ttgtccatct ggtcggttgc cgtgaggtga ggtcacagcc 180
ttgctcgaac ggtagtgagg taggagcgca cggctagctc ggcgttggat tggatggcgc 240
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ctcgcttggtg gttggctagc acctgggctt ttaggtcggg aaggttgctg ttggatgtgt 360
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tcgtcgaaat cacgtcgtgg atgagcttga 450

<210> 8145
<211> 838
<212> DNA
<213> Aspergillus nidulans

<400> 8145

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catacttttc ccaaggggat gcctcagatg ccggagatgt agcgggtgtg gcaaatacacg 120
tcggtcgtag ggagctggga aaacatcctg cctattttcc tatctctgac gagtatcggg 180
ttgaaatcct gcaccgcgtc ttagacatct gttctcatga caactattca aggctaacag 240
atattgaatg gtacgtcagt gtattaattc gactggtgaa acatcttccc acaagagttg 300
aagaacatac ggtgagccaa gggtttgaaa gtagctccag ggacgatgca gcaagcagaa 360
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gagcagctga attcctgcta ctggttgaca acaggcagtc agtggttgca aatgtttctc 480
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tcgtggagtt ttacgaaggc ctgcgactc atccggatct agaagtacag gaaagggcta 780
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<210> 8146
<211> 1250
<212> DNA
<213> Aspergillus nidulans

<400> 8146

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gacatgcat atcaaaaagtt gaaggtggtg acaaggacga gcgcttgata tactaaaaag 180
caagcctctg attggggaat attagtcac gaagctttgt tgccttaaag tttgtactgt 240
cttgctgect gccttgctct tgtggccgtc gaagacttcg accaaacgac gcctcttttc 300
tctcaaaagc gtacaggtca atgtggaagg attgcttttc agataggttc cactatccct 360
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acgtcaaatt cggttgcacc ggctacatta ataaggctta ccagtaagta tctaggtagc 480
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caattcacia gaatgggctt cttggagatg cccaagctac tctgacaggc ggaactcggg 1200
agagagcact tttgaatgat ggacagcttg caggtccaga ctctctcttt 1250

<210> 8147
<211> 406
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8147

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agctaacctc acaattaaaa ttgcgttgca gcctcacctt gcccgnnctt tccagttcgg 180

agaaaacctg ttcgttgccc aaagctgcaa ttaaataaaa aatcggccaa aacgcgcgag 240
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 ctgaccttcg gctgcgcctt cggtcgggtt cggcctgcgg gcgaagcggg taatcagctt 360
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<210> 8148
 <211> 1741
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8148

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 caagagatca atcatcccag gatcgaggtc ggtcaggccg ctagagtcct gacctgggta 240
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 aaccactact agtactgact atttattaat cgacccacat cattcaaccc gagacaggaa 1320
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 a 1741

<210> 8149
 <211> 206
 <212> DNA
 <213> *Aspergillus nidulans*

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 ggatcggata ggcgcctcca agccta 206

<210> 8150
 <211> 745
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8150
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 cccaaaagaa accgatcgcc tacaaccact cgctctcctt gtcttttctc gaattctttt 120
 ttgtttgcat ttgtcgtcgt ctgtttgtct gatttaagcg gacgccttcc cagtccttcc 180
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ttgctggatg caacaccatg tcgcacaccc gggtttacia agatcctatt gtcctggtca 300
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 cttcgtcgat gcgacttagc cgaaaggcta gcatgtactt tgtaaaaacc aaatcttact 480
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 ccagaaggga ccgacctgc ggccgagaat gactggtcac tactgccgtt catggcgctt 600
 tcagatggag cgcataatgta cggctcaggg ctatcatttg gtacggatat tatggctgat 660
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<210> 8151
 <211> 126
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8151
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 gacaac 126

<210> 8152
 <211> 1480
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8152
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 caagtcttaa ttggcgtaaa ggttaagtca tctggcattc cccaccagg ctcgttcttc 180
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 agggatttag ggagagttac ccgcgcagac ggcatatttg caaagtttgt ttgagggtgcg 360
 tgtggattcc cagactgcgg attgacaaaa ccagacaatg aagatttggg attgccgggt 420

gatgcagtac gaggcggggg cgttggttct gcagttgaag ttcgtggtct gaacaattgg 480
cgggtgttgca tagacactgc atccgcctca tctttgccat gaatgagttc gacaaattca 540
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tttgagattht caggtatagg caagaaggth aacatcttga gataccgctc aacagcatca 660
tcaggagtgc gaacgaaaaa ctatttatgt taataagatg ctaatctttg caagatgtgc 720
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<210> 8153
<211> 1368
<212> DNA
<213> *Aspergillus nidulans*

<400> 8153

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gactggggta ggaccaaagg tggtaaaggc atcagctaaa taaaagaaaa gggthttatc 180
ccgtcaagtg gaggaggacc ctgtatagtg aagcatcgga atgcatggac aagaccacta 240
tgtccatgta tgtaaaatag caggcaagaa gtggcatata aggcccatga gaacgtggcg 300

agcctggtcc tatcgctgaa aagcaaagga tgggactggt ccaaacatgg aactgtggac 360
gaaatctgag aaatatatattt accccgccag agttgtaact ggaggggcca tgaccagccg 420
cttgtccatc atgaggaatc tgagtggcgc ggttgagcgc agcctcccga ctcgtcagt 480
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agccggagaa tctagtgtaa agagagagca gcagcggcct ggcgaccca ccatcgggag 600
gtgacttgaa atcggaggggg cttcgtctta tttcgtcatt atcttcagtt ccattcttag 660
tactgaact ctcagggtcg ctatgactac caagaaccag gtggaggaat tgctaaaaag 720
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<210> 8154
<211> 542
<212> DNA
<213> Aspergillus nidulans
<400> 8154

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cataacacac gtagttaata acatgccggg atcagggttc aaccagcata cttgggatta 180
gactcctacg aacaaacgaa ggcagctgtg tacttaccct aacctgtaca gcgtcggatc 240
tttataagag agttggaaca tgggtgagttt tgtgcaaggt ggctcataca gagatcagag 300

cctaaatcct gattgacttg gaatgactgc ttgtaaaagt ccctgaaaac atacagagga 360
 tgagatcttt aatatttgca gcaacagcag aagcaatata gactacatga tgtgtgatga 420
 aagggttttta atcacaagtt ggggtaaggg cattagcaga tgacttccta gttctaggct 480
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<210> 8155
 <211> 880
 <212> DNA
 <213> Aspergillus nidulans

<400> 8155

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 acgtactgac ttcaataaga ttttgttgct gaggtggaaa agttcatact cagcaagttt 180
 tgaattgtac ggtccctgga cgagcttata tcggaatatt gttatatagt tgctctatta 240
 tcttaccgca ggtcctccag cagaactgaa tctgggaaat tcggctgaca gccgagctgg 300
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 atatattcct ttttcaatcg aaagcatgtg tgctcggcat gaaacagata gaattggctc 480
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 catgactctg ctagccatct atcaccgtag gagcccatgt tggcggcgca agacgacgaa 720
 tacacagccg ccattgaaaa gggttcgata gtacaggatt cactgaagt gccccaaatc 780
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<210> 8156
 <211> 869
 <212> DNA
 <213> Aspergillus nidulans

<400> 8156

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atttctctag cgacctgtcg tgcgtaagca tacttccaag ttttcgacaa catacctgaa 180
atatgcaatt tgcttcgtcc tatccaagaa tgtcagggtcg gatgcgttta tttccggccg 240
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tcacttctat tcagcagatc atattctggg ttccagtgcc atgaattctc tatgccgttt 420
gaatctgtat accatagaca cgggtccgcaa atctgatgct atccctgac tcctatccc 480
ttgttgctgt tggattctcg cccaacttat tttcttggct tgattctatt atgttccct 540
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cttttttttt tccttatttt cttcttttat ttttcttct ctctatttt tcttttttta 720
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<210> 8157

<211> 845

<212> DNA

<213> *Aspergillus nidulans*

<400> 8157

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ctatcatcat gaaaatctag ctaatgatca aaggagatgt gaacgacttg cttattaaag 180
gaggctttta ccgaaagggt cgtccagact agccagagaa gtgagcagta ctgacaaccg 240
taggcttacg cgggcatttt ccacatgttg cccttagggg tgcgagtaca ggagaagttg 300
gaacgcctta ttgatcggca catgcagtca ttaggtggat acctactgct tagccctgct 360
gttgcgagc ctaactattc acagggcctt caaagggttc attgtcttcg atctcgtcgc 420

aggagctctg ggagaaatct gggcgactta aggacaattc agaagtaata tgcgccgtaa 480
ctgtttgtca ctgttactaa catgggctaa tagtacttcg gcttcctcga taggaaagag 540
gctcggtttt tacttgcgcc aacacacgaa gaagaaatca ctactctagt gggaagcagc 600
gccactcgt acaaactctt gccgattcgg ctgtatcaga tctgtgagtt gaggtaggag 660
ctctgtagcg ccatggctaa tcgagtagcg aggaaatata gagatgaacc ccgaccgcga 720
caaggcctcc tccgtggtcg agaattcatt atgaaggatc tctacacctt tagaagataa 780
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ttgcg 845

<210> 8158
<211> 158
<212> DNA
<213> Aspergillus nidulans

<400> 8158
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agaaactgac agtggacgta tgtaaacggt gacatccaca acctcgtgtc cgcagcgtgg 120
cgcaagacac gcaacgccat actccacgcc aagcatt 158

<210> 8159
<211> 468
<212> DNA
<213> Aspergillus nidulans

<400> 8159
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ttatctagac ccgtagtgat ttcaaagttg tgactggact ttaagtagta atagccttag 120
tcgccaacgg attcgttcgg acatcgtgc agtctccagc ttcaacttta tcttcggctc 180
tatttaagat cgtcctggac cctccctaac atccaacac accaccaagc ctatatactt 240
acatcaacct tcccactcat cttcacgac gaattacgaa tttcgcaatg taccttcttc 300
ccgagccagc agtcggtcaa ctctccggg acctgacacg cgcgcaatgc ctctcattcc 360
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<210> 8160
 <211> 691
 <212> DNA
 <213> Aspergillus nidulans

<400> 8160

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agctctagag gaagaagaca acaccgggta ccgcgccac cgccttgaac aattaagcgc 180
agaatttgca acggcgcaga aatctagcag tcaaaagacc accctcgttg aagactcgct 240
ctaccaact ctgaaaggcg atcaagtgtt tctagactac acaactcaga cgcaacgatg 300
cgtaattcac ttcgcgcac cagaatttgt gcgctgcgcc accatggata accatatccg 360
ggcacttgcg gcgcgacatc aggatgttcg gttcgcaagg gttgacgtgc gcgaaacgcc 420
ctttgtcgtc gagaagttga aaatcagaat cctcccctgc gtaattgggt ttttggatgg 480
agtggccgtg gagagagttc ttggcttcca aggtttggga ccagggggaa ctgctggact 540
ggaaggattt aataccgcta gtctggagaa gaggttgcta ggaaagggta ttctgtccca 600
ggcgagaatc atcgccggtg acgaggagga attagatagg gacagtgatg atgacaacga 660
tgcattggcag ggcagacgcg gtattcggac t 691
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<210> 8161
 <211> 111
 <212> DNA
 <213> Aspergillus nidulans

<400> 8161

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<210> 8162
 <211> 1572
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8162

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 aactaccctg gcgaatccgg gagcatggca ttgccggaaa agcaaaaaggc gcacagtcta 240
 cttcgcgga ggtgaaatga taagcaagag gtcgtcacia gcctcaatct tctatcatgt 300
 ctaggttgat tgatgatcaa agctactttt ccataattcc cattctgcca tcgcccactc 360
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 aggcgccctac ctggaacgtt ccgttcccac tcaaacttcc tacctgcacg gtccccctccc 540
 agttgagcgt tccgttcgca ttgtgcgaga ggaactcgtt cttcagaagc gaatatccgt 600
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 aagcataagt aaacatggca ctggcgctgc tctcaatgta gttcctagga tcgcttggtg 720
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 tggcaaggct ttggtagcgc tgcagagttc gctttagacc ggggtgagat ttggggaagt 840
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 gagaagcacc ggtgacgggg tctaagctaa gtaagcatca tcaccagctg aaagagcaag 960
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 gtagctatat ccggggggga accttgtagaa aaaactgccc ccctttcttt tggcccttgc 1500
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 tgcctttttt gg 1572

<210> 8163
 <211> 368
 <212> DNA
 <213> Aspergillus nidulans

<400> 8163

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cgccgaacca atgcgacaat gggatcgacg cctgacgcta gaaacgtgtc aaatacagag 180
cagtagcaga acgcaaaatc gcgggagacg gagcaaagcc aggcaggata cccgaggtga 240
taaccaagc aggacgagag aggggtaagg aaaaaaaaaa tacatagagc agacacagcc 300
ctaccaggtg acctacccca ccaccctac atcgcgagaa cggggcaagg cgcaagaggg 360
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<210> 8164
 <211> 453
 <212> DNA
 <213> Aspergillus nidulans

<400> 8164

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acctagttct aaaaaaagct taaataaaat agtatattta gtaaaatata gtaactagtt 180
attagaataa aatttaaagt tatattttaaa taataaaaca catatcacct aataattcta 240
aatatactag ttcttattat cctagtatat tttctactaa gattatatta tattattact 300
agatttccta gaatactaga aaaccgatat cataagctta ctaaaataaa tgtttaagta 360
tagatagtta acctgtaact tagtatattg actaaaaacc attcttttaa aaaataactt 420
tatcttttaa atttaagtat tttatatata tat                                     453
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<210> 8165
 <211> 205
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8165

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 tattaactgg cgatacatat gtgtaacgaa gtccgtacgc gtcaagcggg tcatcgagct 180
 gcgcggacgt gccgtgcgaa ggcac 205

<210> 8166
 <211> 525
 <212> DNA
 <213> Aspergillus nidulans

<400> 8166

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 tgcttcctct tcagtcgtag ttgagggagg cacttgctcg tcaacagggtt cttgggctga 180
 aacctcagct tcaccagact ctgcagcggg tggctcctca gccgccacta aaactggcgc 240
 ttcttcagct ggttttgcta cagaaggttc cccggtgggc tccgccagtt tttcctcatt 300
 ggctggctct gctgtagagg ccggttctac aggttgagga ggctccaggt ccttagcctc 360
 ctcaatcggg tctgtggcag gcttgtcctc ctgagctggg gttgggtcac ggccgcgacg 420
 gctggatcag agacaggagg atcggcagga acagcaggag ccgtctcttc cccagctttc 480
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<210> 8167
 <211> 399
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8167

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 caactccgcg gaagttattc tggagaacgt gtaacagggc gtgccgcaag tagaccacc 180
 agataaatat gtgcactaac ccctgattaa gaatacggag gccctcagtt actcatccga 240
 ggctcgatcat acccggaatg tggaagagca gcctgaagcg gggctgtcta ggacgcatac 300
 tcacgcgcca gaaaccagta cgccaccggt tcaccgtgca tgacatcctg caaaatgctc 360

accgtcagca aaacacggac aaacggcttc ggggtgcagg 399

<210> 8168
 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<400> 8168

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 acggaagaag atgccgccac aactagagta gctg 154

<210> 8169
 <211> 991
 <212> DNA
 <213> Aspergillus nidulans

<400> 8169

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 ggggtcccaga gaccagtccc aaatctacca aaggaatcgt ccgagtgtgt gccaatcaca 180
 gccgctgagg ggtcttccag cccacccaa cagcacatgg ttttggaaac gcggcttctc 240
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 ccaccccccg gctgcgtatc cagatgactc cccatcgcaa tcatgggcct acgtaggcca 480
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 aagtatagtt tagtgagggtg aatatgggtg tttgtacggt acgtactctc cccagcgatg 720
 cgtagcgccc catttacagg tctcgtggat ggtttcccag agccggcttt gggtgatttt 780
 aaggccggag ggagcgagtc tggggatctt ggtcaggcgc atttcaatct tttctggttt 840
 gaatatgagc gagtaaacga aggaagagta cgaatatctc ctatagaggg gtttaaattc 900

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<210> 8170
 <211> 1051
 <212> DNA
 <213> Aspergillus nidulans

<400> 8170

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 tgatgtgctt gtaacgcaag tcttgaagtt agaccggct gtagtctgct cgtaggcctc 180
 caatgcctct tggaaccggt ctttctcaag catagcatcg cggtacagtt catctctata 240
 cacagtatac gtcagttgta gatgtggcct tagactgaac ttcatacaag tcataatcgt 300
 ccttggtatc aggactcggc gtgctctgag atatttccat ggattctttg tcttccccgc 360
 gaaccgagct ccgcgatgcg atcaattgag aatttccccg aggcgcgttg ccgtgatctc 420
 tgagagcgtc aagagcggga tggatgtcgc ggcgtagctt tcgtctcaca tagccatcta 480
 ccaagttccc taggcggtgg cgagcggggc tatccgtcac ctggctcatg gattcttagc 540
 ttttgtcgag agataccaat ggtgatggtg tagggcttca gataagagtg tcggcggagg 600
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 aacttgccgg gtaggaggcg tgctttgacg ctggctttct tgaagctgca acatacctcg 720
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 atgggagacg cccctccgcc agcagccaat gatgagctcg tcacgccact gctctttagc 1020
 ttgagcagca atggtgctac gaagggaat c 1051

<210> 8171
 <211> 1426
 <212> DNA
 <213> Aspergillus nidulans

<400> 8171

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aggggcaaag tccgcctcaa cagccaaggt tctgtttttc ggcttccgga cagagtcttt 180
tgatctggga cgtaagaagc agctcgggtga tacgatttga cataaacttc atggatcgaa 240
ggagattcat ggggcatcgt tacgaagtca ctggcgtgca gcatgctgca gctggaagta 300
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gccattcctg aagcaaagct gactattgaa acgccgcatt tatcttcgcc gattacctct 480
atggttatgt ctcgtgatga taaatacgtg gcattcactc tcagagacga agtccgagta 540
tatgaaatth gtacgactga gatttctcag gttcaactgg gtggtaaaac aggctattat 600
gccgctggaa atgtcccaga agcacactcc agtggttaagc atgagacatc agcccaaggt 660
cgaaaaggcg tagaagaagt cattgccagg aagctccaat tttccgttga tggcagacgc 720
ttcattgtcg ctacacatct cggaaaccaa tacgcttatg tcgacgtgtg gaattgcact 780
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<210> 8172

<211> 977

<212> DNA
 <213> Aspergillus nidulans

<400> 8172

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8173

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<210> 8174
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8174

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8175

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<211> 1425
<212> DNA
<213> Aspergillus nidulans
<400> 8176

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 <211> 972
 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
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 <400> 8178

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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8179

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<210> 8180
 <211> 123
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8180

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<210> 8181
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8181

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<210> 8182
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 <213> *Aspergillus nidulans*
 <400> 8182

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<210> 8183
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8183

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<210> 8184
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 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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 <213> *Aspergillus nidulans*
 <400> 8185

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<210> 8186
 <211> 1022
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8186

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<210> 8187
 <211> 703
 <212> DNA
 <213> Aspergillus nidulans

<400> 8187

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<210> 8188

<211> 908

<212> DNA

<213> *Aspergillus nidulans*

<400> 8188

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gattgatatc gagggtgaga cgacgttgct ggtaaggggc gagttgttga atgaatcgac 840
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<210> 8189
<211> 830
<212> DNA
<213> Aspergillus nidulans

<400> 8189

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<210> 8190
<211> 768
<212> DNA
<213> Aspergillus nidulans

<400> 8190

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<210> 8191

<211> 914

<212> DNA

<213> Aspergillus nidulans

<400> 8191

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gactaagaat agtgaaatct gcttggtgcg gtaccagctg ccctttacta gttatatcaa 840
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<210> 8192
<211> 764
<212> DNA
<213> Aspergillus nidulans

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<210> 8193
<211> 977
<212> DNA
<213> Aspergillus nidulans

<400> 8193

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<210> 8194

<211> 1002

<212> DNA

<213> *Aspergillus nidulans*

<400> 8194

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<210> 8195
<211> 347
<212> DNA
<213> Aspergillus nidulans

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<210> 8196
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<212> DNA
<213> Aspergillus nidulans

<400> 8196
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<210> 8197
 <211> 863
 <212> DNA
 <213> Aspergillus nidulans

<400> 8197

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gacgacatct tatctgaact tgaagaaggt gttacattta tacgggggtgc tattcatctg 240
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acattcgacg cggttgatat agagaatgcc atcgaagctg gacgggaagc tgttaaaata 780
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<210> 8198

<211> 745

<212> DNA

<213> *Aspergillus nidulans*

<400> 8198

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cccaccatcg taccctctag aaaactgtcc caccatgcc atcttcccc ccacggctcc 480
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 ttgaaagtca cccctgcctc ctcaattcca cctctgcact accggtctct accgcctttt 660
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 ccttcacctc gcccctccca ccccg 745

<210> 8199
 <211> 1725
 <212> DNA
 <213> Aspergillus nidulans

<400> 8199

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 ggggaaagat cattaaccat cccctttaac aaaaagaaga gaaagaaaaa aacttctttc 240
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<210> 8200
 <211> 781
 <212> DNA
 <213> Aspergillus nidulans

<400> 8200

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 aatggctacg taataaaccc atgctcttcg gaatgccagg gtttcacgca gtaggggggtg 240
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<210> 8201
<211> 1854
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8201

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<210> 8202
<211> 720
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8202

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<210> 8203

<211> 1375

<212> DNA

<213> *Aspergillus nidulans*

<400> 8203

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gaggcagggtg tccagggtctt tcagaatttc agtaccagc aaactggcac caacgtgctc 180

aagcttatcg ccgactcgat cgctctcttt cggaagcgc gtttcaagca atctctgct 240

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ccggataacg agagcggtag tgggtgagatg aaattgaaaa tgaagcgata tctggaagga 480

ttccccctcc cctattacct tgttgtgctg gatgcgagag aactccctgc tgttttggct 540

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agtgcattgt ggagttatgg gcatataaaa gcacgttttc tattttactc tcattgttgt 660

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14037

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<210> 8204
<211> 105
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8204

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ccaggcacac tgccggatac ataatggata acggatgcgg ctgcg 105

<210> 8205
<211> 212
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8205

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aacgtatctc gtcagagcag ggtatcaggg ctatgcaggc agtaatcncg gcganagcaa 120

agcggtagcc gtaagtcgcc gtctgggcgc gcttagcacc gcggccctcc aacgtggcgc 180

ccgagctgca ggtggcgcca cagacagata cc 212

<210> 8206
<211> 884
<212> DNA
<213> Aspergillus nidulans

<400> 8206

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aactacaaac gcatcatccc caataatcca ttaaagcaaa tgacccgcgt ccgccgtggc 180

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<210> 8207
 <211> 830
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8208

<211> 111
 <212> DNA
 <213> Aspergillus nidulans

<400> 8208

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<210> 8209
 <211> 1250
 <212> DNA
 <213> Aspergillus nidulans

<400> 8209

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<210> 8210
 <211> 1194
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 8210

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 <213> Aspergillus nidulans

<400> 8211

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<210> 8213

<211> 713

<212> DNA

<213> *Aspergillus nidulans*

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<400> 8214

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8215

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<400> 8216

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<400> 8217

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 <213> Aspergillus nidulans
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 <223> unsure at all n locations
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<210> 8220

<211> 1076
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 <213> Aspergillus nidulans

<400> 8220

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8221

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 <213> Aspergillus nidulans
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<400> 8224

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<211> 136
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations.
<400> 8225

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agagcgatca cttccc 136

<210> 8226
<211> 1256
<212> DNA
<213> Aspergillus nidulans
<400> 8226

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gcgtgtgcga aaacactcca tcagaagatc ttcctttggc ttgaagatga tgtcaagaat 180
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 <211> 1887
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8227

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 cctgaatgac atcatcgatg tcaatggccg catttccacg aatgacaacg atgaagcggc 180
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1887

<210> 8228
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<212> DNA
<213> Aspergillus nidulans

<400> 8228

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<210> 8229
<211> 502
<212> DNA
<213> Aspergillus nidulans

<400> 8229

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<210> 8230
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8230
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<210> 8231
 <211> 1008
 <212> DNA
 <213> Aspergillus nidulans

<400> 8231

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<210> 8232
 <211> 1382
 <212> DNA
 <213> Aspergillus nidulans

<400> 8232

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 <211> 128
 <212> DNA
 <213> Aspergillus nidulans

<400> 8234

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<210> 8235
 <211> 150
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8235

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<210> 8236
 <211> 703
 <212> DNA
 <213> Aspergillus nidulans

<400> 8236

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<210> 8237

<211> 178

<212> DNA

<213> *Aspergillus nidulans*

<400> 8237

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<210> 8238

<211> 1246

<212> DNA

<213> *Aspergillus nidulans*

<400> 8238

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<211> 797
<212> DNA
<213> Aspergillus nidulans
<400> 8239

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<213> *Aspergillus nidulans*

<400> 8240

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<210> 8241
 <211> 1156
 <212> DNA
 <213> Aspergillus nidulans

<400> 8241

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<211> 903
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8242

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<211> 784
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<213> Aspergillus nidulans

<400> 8243

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<211> 931

<212> DNA

<213> Aspergillus nidulans

<400> 8244

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 <211> 1798
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 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8245

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8247
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 <213> Aspergillus nidulans
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<212> DNA
<213> Aspergillus nidulans

<400> 8248

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<210> 8249
 <211> 981
 <212> DNA
 <213> Aspergillus nidulans

<400> 8249

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 <213> Aspergillus nidulans

<400> 8251

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<210> 8252

<211> 120

<212> DNA

<213> Aspergillus nidulans

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<210> 8253

<211> 1534

<212> DNA

<213> Aspergillus nidulans

<400> 8253

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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans

<400> 8257

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 <213> Aspergillus nidulans

<400> 8258

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 <211> 1216
 <212> DNA
 <213> Aspergillus nidulans

<400> 8259

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<213> Aspergillus nidulans
<223> unsure at all n locations
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<210> 8261
<211> 1299
<212> DNA
<213> Aspergillus nidulans
<400> 8261

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<210> 8262
<211> 1880
<212> DNA
<213> Aspergillus nidulans

<400> 8262

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 <211> 1302
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8263

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<213> Aspergillus nidulans

<400> 8265

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 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 8267
 <211> 113
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8267

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<210> 8268
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8268

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 cttgtgtggc ccagtctgat tggcgggtgc tttgaggagc tcgtatcctc caccaagtta 240
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 aacatggcca agcaaatcca accaaaaccc agcgactcg ccaccctcat tcccgagctt 420
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 cgctaactct tgccgcccag caagagaaca aggaactcgt gaacctgctc ctgagtcag 720
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 <212> DNA
 <213> Aspergillus nidulans

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 cgtagacggt cgcagcagcg gacgttacct cttgacctgc gccggtggg gacgctgata 180
 cctgtcgatg accaagggtcc ataagaatcc ctcagggtt tgacgatagc tggatatcgg 240
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<210> 8270
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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<210> 8271
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 <212> DNA
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<400> 8271

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<210> 8272
 <211> 107
 <212> DNA
 <213> Aspergillus nidulans

<400> 8272

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<210> 8273
 <211> 663

<212> DNA
 <213> Aspergillus nidulans

<400> 8273

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aagttgcggc catatcacgc cgtctcctt atatttgtct tcgatgagtt cgtagtgaa 240
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ggc 663

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<210> 8274
 <211> 950
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8274

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tcctgcagct gtcaccttg agaatcgacc gactgatatt gcagtttggt ctcgattggt 180
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agcctcctca gtgagatttc gccgatttgt ccagggttac tctttgaaac tagggccgcg 300
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tctgtatccc gggcaaatgg ggtcttggtg gcccatgct tgcagtgcac agcgttccaa 480

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<210> 8275
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<212> DNA
<213> Aspergillus nidulans
<400> 8275

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913

<210> 8276

<211> 121

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 8276

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<210> 8277

<211> 1692

<212> DNA

<213> Aspergillus nidulans

<400> 8277

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aagtctcatt gacgttattc actcgccaat agcatcatca cgtgaaataa cgtgatgcac 300

cgcgcacaga ccaactgcgc gcaaacaaaa acgagcaccg aaaattcctc ccaatttact 360

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caaaggaaac tatcttctag atagggacct atgaagtacg gaaatcgta tatagaatgg 480

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tatgggaggg actgcaatga ttggttctac agactttgga aagctgtgat tctatgaatc 600

accctgtagc gtagtgtacc gttttgttaa actccgcctt tggctggggt tatattccgg 660

ccgtgacgga cgtatgctgc ttgatgtctt caaatttcca aactcggat caagggcata 720

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14089

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<210> 8278
<211> 1099
<212> DNA
<213> Aspergillus nidulans
<400> 8278

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<210> 8279
<211> 1075
<212> DNA
<213> Aspergillus nidulans
<400> 8279

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<210> 8280
 <211> 622
 <212> DNA
 <213> Aspergillus nidulans

<400> 8280

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 <211> 154
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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nctggcgcca nggcagacgg cagcccagca tctg 154

<210> 8282
<211> 101
<212> DNA
<213> Aspergillus nidulans

<400> 8282

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<210> 8283
<211> 963
<212> DNA
<213> Aspergillus nidulans

<400> 8283

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gggccgctcg cacaagctac agcaaactcg cccccgccgc gaagggagct tccctttgcg 180

aagaaaacgg aaaaggatcc cgggcctggg catctttcct cgcgagcgtg gcaggattca 240

gttgaatccg gaggggagac agatgacgac gaactgtagc taacgcccct ttactataa 300

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14093

tga

963

<210> 8284
<211> 629
<212> DNA
<213> Aspergillus nidulans

<400> 8284

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gcaaaagaaa cagtgtgctt gatcatacc 629

<210> 8285
<211> 804
<212> DNA
<213> Aspergillus nidulans

<400> 8285

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<210> 8286
<211> 1100
<212> DNA
<213> *Aspergillus nidulans*

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<210> 8287
<211> 1400
<212> DNA
<213> *Aspergillus nidulans*

<400> 8287

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<210> 8288
<211> 761
<212> DNA
<213> *Aspergillus nidulans*

<400> 8288

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<210> 8289
<211> 735
<212> DNA
<213> *Aspergillus nidulans*

<223> unsure at all n locations
<400> 8289

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<210> 8290
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8290

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 aggccgtcca agttttcctc cagctgagat actggacatg gctcttgact tatactttcg 480
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<210> 8291
 <211> 414

<212> DNA
 <213> Aspergillus nidulans

<400> 8291

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 gcggaacgag tgetcgacca gacctagaac ccgtatctca tagtcctctc gtgcgtccat 180
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 gcttctatga cttcgtcatc gaaatacatc caagcacgaa taaggccgtt catcatgtga 360
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<210> 8292
 <211> 109
 <212> DNA
 <213> Aspergillus nidulans

<400> 8292

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<210> 8293
 <211> 577
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8293

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<210> 8294
<211> 512
<212> DNA
<213> Aspergillus nidulans

<400> 8294

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<210> 8295
<211> 737
<212> DNA
<213> Aspergillus nidulans

<400> 8295

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<210> 8296
<211> 1167
<212> DNA
<213> Aspergillus nidulans
<400> 8296

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<210> 8297
<211> 605
<212> DNA
<213> Aspergillus nidulans

<400> 8297

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<210> 8298
<211> 1099
<212> DNA
<213> Aspergillus nidulans

<400> 8298

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<210> 8299
<211> 776
<212> DNA
<213> Aspergillus nidulans
<400> 8299

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<210> 8300
 <211> 601
 <212> DNA
 <213> Aspergillus nidulans

<400> 8300

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<210> 8301
 <211> 491
 <212> DNA
 <213> Aspergillus nidulans

<400> 8301

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<210> 8302
<211> 205
<212> DNA
<213> Aspergillus nidulans

<400> 8302

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<210> 8303
<211> 580
<212> DNA
<213> Aspergillus nidulans

<400> 8303

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<210> 8304
 <211> 760
 <212> DNA
 <213> Aspergillus nidulans

<400> 8304

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<210> 8305
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8305

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<210> 8306
<211> 859
<212> DNA
<213> Aspergillus nidulans
<400> 8306

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<210> 8307
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 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8307

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<210> 8308
 <211> 1166
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8308

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<210> 8309
 <211> 99
 <212> DNA
 <213> Aspergillus nidulans

<400> 8309

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 taacctcaag agcaatatcg cacctgaccg atcagcacc 99

<210> 8310
 <211> 224
 <212> DNA
 <213> Aspergillus nidulans

<400> 8310

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 cggagttcgc gccgaaggat tcatcgacga ttcattctta accggcggtta tctattactg 180
 gcagcgtgaa cgcgagcgta aagatgttac cgacggtgac aaat 224

<210> 8311
 <211> 327
 <212> DNA
 <213> Aspergillus nidulans

<400> 8311

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 caccctcaag aggaagcacg aggaggtgtg cgccatcaag atccagaggg cctagcgccg 240
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<210> 8312
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8312

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<210> 8313

<211> 867

<212> DNA

<213> Aspergillus nidulans

<400> 8313

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<211> 143
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<213> Aspergillus nidulans
<400> 8314

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ctatcgcaaa actgcctgat gcg 143

<210> 8315
<211> 573
<212> DNA
<213> Aspergillus nidulans
<400> 8315

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<210> 8316
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8316

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<213> Aspergillus nidulans

<400> 8317

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<212> DNA
<213> Aspergillus nidulans

<400> 8318

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<210> 8319
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<212> DNA
<213> Aspergillus nidulans

<400> 8319

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<210> 8320

<211> 851

<212> DNA

<213> Aspergillus nidulans

<400> 8320

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<210> 8321
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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8322
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 <212> DNA
 <213> *Aspergillus nidulans*

 <223> unsure at all n locations
 <400> 8322

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<210> 8323
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 <212> DNA
 <213> *Aspergillus nidulans*

 <400> 8323

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<210> 8324
<211> 916
<212> DNA
<213> Aspergillus nidulans
<400> 8324

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<210> 8325
 <211> 604
 <212> DNA
 <213> *Aspergillus nidulans*
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ctcgaaagaa ctgttgaagg agagatagag agaagagaga aaagaggtgt tgaataggga 540
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<210> 8326
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 <212> DNA
 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 8328
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<212> DNA
<213> Aspergillus nidulans
<400> 8328

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<210> 8329
 <211> 903
 <212> DNA
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 <400> 8329

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8330

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8331

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gataatatg 549

<210> 8332
<211> 148
<212> DNA
<213> Aspergillus nidulans

<400> 8332
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<210> 8333
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<212> DNA
<213> Aspergillus nidulans.

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<213> Aspergillus nidulans

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<210> 8335
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<213> Aspergillus nidulans

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 <213> Aspergillus nidulans
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<211> 585
<212> DNA
<213> Aspergillus nidulans

<400> 8338
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gtcaatccga accctcatac accgaacaat cacgaagcca cacctacaaa gttgaacagt 180
tttagaaaaa ccagacaccg cgcgcgaaacg taaagatagc aaaaatcaaa aggaagagag 240
gcatatcagt cacatcagac attaataaat catacatcgc agcgtgaaa gcaggcgcac 300
ggctagcaga tcaccaaatc ttgtagaaac acattgtgaa gtaggaagta ccaggtcacg 360
gacccatgga tgcgaagtgg aggtagaata gtggtgagga ataagatgtt gaatgaggca 420
gatggaatta agcggccgca gtggcttcga cttccggctc aggttgacca ttgacttctt 480
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<210> 8339
<211> 746
<212> DNA
<213> Aspergillus nidulans

<400> 8339

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ggccaaattc gcggctgtgc aggccaatcg tttagttacc cagacattca tctacatttc 180
cttctctcat acaagagggtt aggctcgccg caccagagg atacttggtc ctccttttaa 240
gtacttcact atatctacac aaaactgtat accgaccaat attcacaccg ccagcatttg 300
ttttaggcgc tagagctggc atctgtccgt gcagctcgcc attcattaac ccggactatc 360
caatcatgaa caagagccgc gaaaacgctc ttctcagtcg cgtcaacagg aaggccatgc 420
gtaccacggt ctagaacagc aaaggttgat cgtggataga gctccagcaa gcgcaggcag 480
tcacgatagc ccaccacacc gtcttgccga ccacatacaa tcagtgtggg cgctgagaac 540
ttggcaattt catcatctaa acgaatagat aactgatatc gttgtggatc tgctcggatc 600
ggctctaaca ccgtttggtc tgctgctctc tctgctggaa cgataacctc ctcgtacttg 660
gccttttagag cctttatgta agcaggcggt tggatgagaa catttccaag aagtgtcctg 720
tcttcggctg gcatgttcga tatgag 746

<210> 8340

<211> 950

<212> DNA

<213> Aspergillus nidulans

<400> 8340

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gctttgtttc agtgggattg tagcaattag cacagttgag accatgactg ttaccgagcc 180
gagtgctagg atccattgag ctgcgagccg gggattagc caggctgcca ggcaggctgc 240
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ccagacgtct tgaagccaga ggagctggta ccaaagcact gtaccgacgg tcatatagtc 360
gaggaggata accaggacga gaatggcgaa ggaggcgct ctgaatatgg aaggtggcat 420
aatgggatgc gagattttgt gctcccaa at gatgaaaaaa ctgaacagga tgactgacag 480
cacgagtaga gctatctcgt aggggggttg ccagcctacg ctcggcgctt gactggcagg 540

taagggtgtta gcggttgaa ttggcagaca cgttacgtat gtcagtccaa ctcaattcca 600
 gacgaaattg aatagaatca acgcgctcgt cccagtgca gcaccagcc aatcgatctt 660
 ttcatttcga cttgacgttg cttggttggt gctgagaagc cagagaggta tgaatgtcac 720
 ggccccaagg cacgcctat ttatcgtcag ctgtaccacc agcaactag agaagaacag 780
 catatgcctc acacaaaagt aaagaaccac cgccagtgcg tatgctccat gaaagcccca 840
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<210> 8341
 <211> 242
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8341
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 tctcgtgggg agtacacgaa taacacttag gcatgaacac ttgcctccgt gcgctagagt 180
 gcgagtgtca taacgtgaga tgcattgcgc tgctgttgaa acagtaatgc acatggcgct 240
 ag 242

<210> 8342
 <211> 1177
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8342
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 tctggttaatt gcgagaggaa gggtaggttag caggacaata aatggacgct tgtacggtaa 180
 atactaagta gctaacgata tgcccctgca gattcaggaa tcagtcatat tcgagaggca 240
 acggggattt aatttgctt accggaaaat tggtgtcccc caatggttgt ttgtcctggt 300
 ccaaggccac gggcagactg aggaagaggt atttgcgata tggaagctgg cagatctaac 360
 cgccggacaa ggtcgatcat cttctccgcc gagaaccgac cagcgtata cgttgaggcc 420

ggccgggatga cgcttagtag atatacgatg tcgcgaggca agggcgcggg cgagccttga 480
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 ggccgtgaca tatcatcgtc aaagtcttct agcgggtctt tcggggagtt tgtgacggag 660
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 gggagcaaaa aatctgtgaa caaattggtc catggcgggt aatcggaac aaattccctt 840
 taaagtcttc aggttattac ttgaaccagt cggaatattt tgattcggtt aatggggaac 900
 ccaaatttgg cttgtttttg gacccttaag gatggctatg tttctaccgt ttttaaaatt 960
 gttggcagtt gaaaggttaa taagccaaac tcgaaaggga actttaataa tattgttaaa 1020
 gaaaggtaaa tttgaggaaa tttatttggga aaattgacct ctcatttttg ggacgacttt 1080
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<210> 8343
 <211> 890
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8343

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 gatataaaat ataaaagagt atctgggggt agattagaag cagcaggaag attaactaaa 180
 cgttatacag cttctagatc acaatataaa tttaaatata aagggtcattt agtaaataca 240
 tattcatcta ttcaaggtta tccatcatct ctaataagag gaaatgataa acctatatta 300
 caatatacaa aattaaattc taaatcacgt attggatctt ttggtgttaa aggttgagta 360
 agtggagttt aataaattaa tataatccta aaaataacta tataagatga agaaacagtc 420
 tgaaccatca taagataagt tggaataaaa gataatcttt tatgattaca aaattgaaca 480
 ggctaatttg cgcagtagag tacaaactga gtgcgcggtc tggacctcga tgtnggctag 540
 ctcatcacat gaatgataaa catgaaggtc tactgttgct attatgagaa catgagtggt 600

taatcgtcgg agacagaggt cttactctag aggactaagt gacaagatgc ctttcgcgaa 660
gagtcggata tgactaggct accatgctgg gtgaaat ttt tatatacact ctactaagat 720
atgcatagag gttgggctat ctagatagtg tgtcagtgag tcctagcatt aacacaacac 780
cgttaaaata tctttttaga agcttcacat gtctttgata gctagatatac tatatacaga 840
gtttctataa ttcttcttct ttttaagtgn aattacttct cactatttcg 890

<210> 8344
<211> 553
<212> DNA
<213> Aspergillus nidulans

<400> 8344

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cccagttgac aatgcccgcg acttcggggc ccctaaatct tcactttccc cattagctct 180
tttctggaca ctggcgatca aaagggcctt ttacgccgcg gcctactaag gtaggtattg 240
gggtcacctt ccttgtggac ctccaccctt taccgaaag aaaaccaagc cttaccggtt 300
ttagtccaaa gacatacttt ggtgtttccc aacaaggtaa aacatcccct cccacatcta 360
ggaactagga tgtaagggtg ccttcaccac aaagaaaaat cgggtgggag ggggaccgtt 420
taacctaatg agccactctg ctttgcgccc ttggatatca caacaccatc aatctctatc 480
cggtgccctc tttatatcaa tgctctttat gttcaaccta cacagtagcg atgcctctgc 540
tttctcaata tac 553

<210> 8345
<211> 154
<212> DNA
<213> Aspergillus nidulans

<400> 8345

ccaccatata gcgtcaataa attattaaaa ccatactgat aaccgcctg gacaaaatca 60
ctttgtgtgc tcgccccttc aatatggcta cgaccgccc gtaaatcata tttcgacacg 120
ccggcggtgc agcatatttg gcaccgctgc ataa 154

<210> 8346
 <211> 552
 <212> DNA
 <213> Aspergillus nidulans

<400> 8346

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gctagactta tctagatatt atattaaaaa taagctatct taactagtag aagatagtaa 120
atagagacta gtagtttttt atttttaaaag aaatacttat ctgtaaaagat taactatcctt 180
atttataata aaaagttact agctattatt taatatctag aataatagca aagtatatta 240
tagagtataa agaattttac tatcttaagt aactataaaa atctagaata ctttataaaa 300
aagtaataat ttatagaaaa ataaatataa taagctcttg aacttttata gttctaattt 360
aagataattt attaacctag aaaaaaggct atagtgcctg gtattctatt ttaaaaagac 420
taagatttat tagagacttt aaataataaa tatctttaag gatactccta ccagctgcta 480
ttaaaaagaa atagagtctt atttttaaat agtatagcta ctttattcaa ggcacccta 540
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<210> 8347
 <211> 1535
 <212> DNA
 <213> Aspergillus nidulans

<400> 8347

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gactggaacg catcttcgac gacttctatc gtgttacaac ttcctttcgc cagccatcag 180
tcatttatga atcgtatccc agctcggcta ttttcgccca tgtctgcatt tttagcgcca 240
agttcatccc cattcacacg ggcagtggtg aactcgatgc gaaagctgta agctccccgc 300
agtgatgttt atgcaatctt ttccactgaa tttctgaatt tattgttgac ctgtgaagct 360
atccagaatc cttagcagac aagagctttg acaatacagg ctgtgagtta agctcggcaa 420
aacgaacgcc atgccatcgc taatgccga acctcagtac tctcgaagc ccccttcaat 480
cccacacgca gacagaagaa ttcggttctc ctcacaattg acctaaccaa ggccgttgcc 540
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aatggctata acacagacca agctcaccaa tctatcgttc agatcccatt atcttccgcg 660
gctcaaatac cctcactttc aatgaccccc aacaacagtc actcctccgc ctgcgcgcgg 720
agggcataag cgtctattct ccgcacacgg ccgttgacgc aacccttggt ggtatgggcg 780
actggctctg cgacgttgtc acggggcgaa ccactccatc ctgcgtcgcc tccgtcgccg 840
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cccgtctgg accgaggggc tgcaaggga acacacaccc tgatcttccg ccaactgagg 1200
caagtcacac cagcccttgt taactgaaat ggaaccgcct ggcgcccccc caccacaacg 1260
aagggcgta caggcgactc acaactctca catcctaacc cgctcctctc cttctctcta 1320
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ccactaccga ccactaacca ctactcctca cactgatcct ccatcaccac taaccacctc 1440
ctacccatcc atactcccta tctaccatc tacctctact atgccactcc ctcggaaccc 1500
ttatcttctt caccaagccc ctctatcact ttaca 1535

<210> 8348
<211> 278
<212> DNA
<213> Aspergillus nidulans

<400> 8348

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gccctttttc ccaacacaca cattctgtct ggtgggtgga agttaaacac gcggtgagga 120
ggaaaggaat aggatagaga gtggaatgag gacggtagga gtctcaagga ctggctatcc 180
tgacagcctt ccccgcatc agagttgacc aacatggcca gcggcaatag ggcaccacc 240
tgaccataa atagaggacg agttgggttg agtctgtg 278

<210> 8349
<211> 796

<212> DNA
 <213> Aspergillus nidulans

<400> 8349

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aaaaattcat aaatTTTTTT tcagtgtcaa acgcggaggg cattatcatc gaggaagaac  180
actTTTTccc ctaccatttt tccccctaag cgggctctgt ctctgtgtag tagccggaat  240
tcctTTTTctc cctatgctga tgccggcagt tcctgttgag actacgggcc ccagcggaga  300
ctgcgatccg attattctta gggatTTTgc tttgcctctt gcctctgcgc gcctggttac  360
TTTTTTTTct tctccccctt gattttctta ccccgctctgt cctTTTTgcc ctcttggcgt  420
gtgaactccc tcactccatt ctttctggca ctttagcttg tctcagggcc cctgggctgt  480
ccgtgaccct tgggtgatgc cccacccccg ggccctttct aaagggcccc gacggatttt  540
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atttggggga gtccccaccc gggaacctcc acccccccg aggggggtctt tctttaaggg  720
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<210> 8350
 <211> 662
 <212> DNA
 <213> Aspergillus nidulans

<400> 8350

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gccgtcttcc tggccgatac ttacggcggt tatgatacct acgagggcaa gctcgatgaa  180
tgtatccggc ggcgagccca atggcccgtc acagacccaa ccattgtatg tcacttgtgc  240
cgtaaattga gccaaacagg actgatatga gtccagccca tctctgcaat ggcagccgtg  300
acaaaaaacc tcgccttcgc aatcactgcg tcgacatcat ttgagcctcc tttcctcctc  360
gcaaaacgat tttcgacatt ggatcatatg acggacggcc ggatcggttg gaacatcgtc  420

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acttcatgga agaaggctgc cttcaaggct attggcttgg actctccaat tgagcacgac 480
gagcgggtacc gtcaagcaga cgaatacctt cgcgtgctat acaagtatgg catcacctgc 540
attccaagtt ggtgactgac gcttatccat ggcaggctct gggagggatc ataggctccg 600
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ac 662

<210> 8351
<211> 403
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8351

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caggggggga nganaanann aaacgccggg ngggccaagc ncaaggggcc agaaaaggga 180
ccaaggaanc nccaangggg ccggccacag acggcgcaga cggcanggnn agaaacnagn 240
ggngaacnna cennnngaga agccaaagga nagncngaag ncncggcgga aaagggggca 300
cggaacggg agcacaggna gancccncc ncaacagaac cnanagcagc cacanacgga 360
nanncgggnc acncacaggc cccagcaaan ncnggaaggc agc 403

<210> 8352
<211> 259
<212> DNA
<213> Aspergillus nidulans
<400> 8352

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agttttgtcg ccagtgtcgc ccagttcacg caaaaaccg tcgaaaccag cgatgaacgg 180
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ggaatatgtc aaaaccggt 259

<210> 8353

<211> 965
 <212> DNA
 <213> Aspergillus nidulans

<400> 8353

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gtggctgaaa tcgcatgaat cttccgtatc ccaactcgcc acgatccagt cgccatcata 180
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tgccaggctg tttcaggtct tagccttcca gtccgtcagg tcccagctcg tttcgaaacc 360
cccgctcctga aggaacagca attagctgga cccgaggcta atcagaatta attaagattt 420
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ccacagacct gtccattccc ttcgccaag aacggggaac acccttttca agcgcacca 900
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<210> 8354
 <211> 186
 <212> DNA
 <213> Aspergillus nidulans

<400> 8354

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cgctgccgtt atatccgtgc gataacgtcg atttccaggt caccacctac tacatgcaac 180
  
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atttgc 186

<210> 8355
 <211> 780
 <212> DNA
 <213> Aspergillus nidulans

<400> 8355

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 cgagcaataa tacaggaggc gaagcctcaa cgccaacgca gtcgacaata atcaaagaaa 180
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 aaaacgaaca tgccaatatc tcaacgcggt gcgttggaag cccttggtac cggcctttgg 660
 gaagctacga tgtatcccg cgcactatct agttcaaccg gcagcattcg cagttcaaca 720
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<210> 8356
 <211> 216
 <212> DNA
 <213> Aspergillus nidulans

<400> 8356

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 gacccggtat aaagcgacag gctgctgacg gtgatctctg gcagaccata tttatagcgg 180
 atcatctcgc cctgttcggt tacgcgcagg ccgcct 216

<210> 8357

<211> 517
 <212> DNA
 <213> Aspergillus nidulans

<400> 8357

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tcaggatgtc tcgatgggta gatcaatgta cgggtcatgt ccgcatcggt cttgtcctta 180
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aagagcgga taatcctcaa gaaattaagg cagtagcata ccgaggtcaa gccttcgcat 300
atcttttttg gacgtcattt tgactgtgga cttccgaagc tgatacgttg gtcgcggaag 360
agatccccag gtaagaggcg atgctggcat tcgcatgggt tggccgccac cgaacagcgg 420
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<210> 8358
 <211> 1184
 <212> DNA
 <213> Aspergillus nidulans

<400> 8358

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<210> 8359
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 <212> DNA
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<400> 8359

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977

<210> 8361
<211> 121
<212> DNA
<213> Aspergillus nidulans

<400> 8361

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<210> 8362
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<212> DNA
<213> Aspergillus nidulans

<400> 8362

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atcaatatat ccccaaattg caattggaat actatgttta gtacgaagaa gcaagcatcg 180

ttttagattg acgtgtggga ccgagagtgc tattatcacg tgattttgat aagggtaaag 240

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tcttgacttc gacaaccttg ttcacccagc accggcgata ccgtccatcg aggtatgttt 360

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<210> 8363
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8363

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<210> 8364
 <211> 1267
 <212> DNA
 <213> Aspergillus nidulans

<400> 8364

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 <212> DNA
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<210> 8366
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 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8368

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<210> 8369
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8369

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<211> 769
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 <213> Aspergillus nidulans

<400> 8371

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8372

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 <213> *Aspergillus nidulans*
 <223> unsure at all n locations
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 <211> 1168
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8376

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<212> DNA
<213> Aspergillus nidulans

<400> 8377

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8378

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 <400> 8379

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<212> DNA
<213> Aspergillus nidulans
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<210> 8381
<211> 1143
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8381

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8383

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 <211> 801
 <212> DNA
 <213> Aspergillus nidulans

<400> 8384

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<210> 8386

<211> 1728

<212> DNA

<213> *Aspergillus nidulans*

<400> 8386

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 <211> 639
 <212> DNA
 <213> *Aspergillus nidulans*

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 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8389
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 <212> DNA
 <213> Aspergillus nidulans

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 cagagtctgc aaagacgttg acggagtatc ttgggcccgg accaaaggat gggtaagtac 240
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<210> 8390
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<213> Aspergillus nidulans

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<210> 8391
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<212> DNA
<213> Aspergillus nidulans

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<210> 8392
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8392

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<210> 8393
<211> 900
<212> DNA
<213> Aspergillus nidulans
<400> 8393

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<210> 8394
 <211> 738
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8394

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<210> 8395
<211> 837
<212> DNA
<213> Aspergillus nidulans
<400> 8395

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<210> 8396
<211> 438
<212> DNA
<213> Aspergillus nidulans
<400> 8396

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 actcctcatt ttgagttc 438

<210> 8397
 <211> 1141
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8397

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<210> 8398
<211> 103
<212> DNA
<213> Aspergillus nidulans

<400> 8398

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<210> 8399
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<212> DNA
<213> Aspergillus nidulans

<400> 8399

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<210> 8400
<211> 923
<212> DNA
<213> Aspergillus nidulans

<400> 8400

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<210> 8401
<211> 793
<212> DNA
<213> Aspergillus nidulans

<400> 8401

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<210> 8402
 <211> 948
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8403
 <211> 1095
 <212> DNA
 <213> Aspergillus nidulans

<400> 8403

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<210> 8404
 <211> 737
 <212> DNA
 <213> Aspergillus nidulans

<400> 8404

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gatcgcgac aggggat 737

<210> 8405
<211> 876
<212> DNA
<213> Aspergillus nidulans
<400> 8405

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<210> 8406
 <211> 259
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8406

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 tcagattggc ctttgtcaat aaggtttgca agtaacgtca gcacgtacgc gcttctcatt 180
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 ggtagtgca gaccgtcgg 259

<210> 8407
 <211> 951
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8407

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<210> 8408
 <211> 980
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8408

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<210> 8409
<211> 666
<212> DNA
<213> Aspergillus nidulans

<400> 8409

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<210> 8410
<211> 167
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8410

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aatcctgagg gtacggcaga gatgtcggag aagacatngg ttggtgttcg ctggggaggt 120
gctgatcaca gctctggttt gagtgtagtc atgtcggctg tttgaca 167

<210> 8411

<211> 929
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8411

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 aatagtgaag acctgacaat aaggggcaat cacctggatc tgattcgtct gatcttcggt 180
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<210> 8412
 <211> 183
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8412

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<210> 8413
 <211> 1098
 <212> DNA
 <213> Aspergillus nidulans

<400> 8413

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 acaagctgcc agcctgaccg gctgaaggac gcaattttct ctgagccagg ccagagtagt 180
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<210> 8414
 <211> 1344
 <212> DNA
 <213> Aspergillus nidulans

<400> 8414

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 <211> 1257
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8415

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<210> 8416
<211> 635
<212> DNA
<213> Aspergillus nidulans

<400> 8416

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<210> 8417
 <211> 1345
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8417

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 <400> 8418

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<212> DNA
<213> Aspergillus nidulans

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 gcgcatatcc actattagga aaatccatcg accccccag tgagagccca aatgcgcgga 1560
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<210> 8434
 <211> 269
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8434

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ggatcatgaca gcatttattg acatgaggcc tattaggatt actgagggca gttaggcagt 120

cgggagttgt cgatcggggg cgatacttac attgcaggta ttgcaagtag gactttgaac 180

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tgtttgtcac aggttttgtg agcgcttgc 269

<210> 8435

<211> 131

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 8435

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gatntccaag gggatgatcag cctgcgcaga ntccgatncc gtgttgcgcg gcaagaatag 120

caggagtggc g 131

<210> 8436

<211> 110

<212> DNA

<213> Aspergillus nidulans

<400> 8436

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atcgcgcata tcggtgagtt gcctcaaagc gtacggtatc tcattgaaag 110

<210> 8437

<211> 854

<212> DNA

<213> Aspergillus nidulans

<400> 8437

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cgcacaccac acccaacccc ccaccgacca caccatccgc cccaaaacaa ccaccagga 120

agcacccccc caccagacc tacagcccc cgggaacgc ccagacacca actcacaacg 180

cccaagcaca ccaaaccccc acacccacc acagcccca acccaagcca cgaccaccc 240

ccagaccaac cccggccaac acccccccca atcaccaccg cccccaccg acgaccagcc 300
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 ccgaagacac cccgacaccc ccgcgaaagc accactgccc accgcaacac ccccatgaac 420
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 aaacaccca aacctaac accccaacca aaccacccc cagcagaaaa ccaacaccgc 720
 acccaccca ccacactccc cccccaccc cctcacccc ccaccaacac ccaaccaacc 780
 cccacctctt caatcacacc caccctacc tcaccaccc cccacccaa cactaccac 840
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<210> 8438
 <211> 121
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8438

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 gtaatgattc atcggtacat gttaagaagt ccaccgggag tcagaatatg aagacccaaa 120
 a 121

<210> 8439
 <211> 109
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8439

cggacgccat atagatgaga aacaagaaat aagttcttat cgggtgtaaga gaatgtgatg 60
 gttctgtatt tactgatgat tgtaatcagc agtttgacag atgagaagt 109

<210> 8440
 <211> 769
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8440

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 gcggcgccga cgcggccgac ctgactgccg atgagggcgc gcgcctttcg ctagatatta 360
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 agaactcaag gcaccaatat gacggtagca atgctccatg gtaggtggaa gtagcagcca 480
 gatgcaacca cgcaggaagc gagaagcggg atgcaagact tagacctagg caaaaaaatt 540
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 ctactaccgc ttggtcggag acccccagac cttgtagccg atccaggac atctcagatc 660
 ttatctgggt agcctaagca cagtaaactg agccaggata tatnttccgg aagggtctgc 720
 agtgtgcttt agctggcacc aacgctgcag acccgccgag gatgcccta 769

<210> 8441
 <211> 109
 <212> DNA
 <213> Aspergillus nidulans

<400> 8441

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<210> 8442
 <211> 937
 <212> DNA
 <213> Aspergillus nidulans

<400> 8442

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catcgacgcc agcgacaagg ccgtcaagct cagcggatgg atagaggcag gcagagtatt 600
caagaccagt gggattagcg gcattctgca ggtgatagaa gaagacaagt actggctttc 660
atTTTTgcgg acacaggTtc agggcatcag ctcggcgagg accgatatca tcgctggTgg 720
cccgcactgg tggcaggaaa accacaaagg aatctgcaac atTTTTtctg caatatccat 780
cttgccgcga acttgtgagg agcgcgcgga catctacagg ggactcttag gtgtatttca 840
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<210> 8444
<211> 214
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8444

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gaggTctgct cgtaacattg tgantttctt tgtctagaga tgtgaccctg ctactcagct 180
gaccagtgcA aatccgggtc agttggatag tgat 214

<210> 8445
<211> 1248
<212> DNA
<213> Aspergillus nidulans
<400> 8445

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ccaagcaaga aaaacgctgt acacgaatgg ccagtatggg tgtccacggc cccaaaaatc 180
ccaccctgca aaaggggcac ttcaatgttc ttgggaaaag ccataaaaagc ctgtcaagat 240

aaaacaaggt taaaagagtt tgtttaagag gatgccaat atgcatgcc atattccatt 300
 cgacaggtca ttagcaaatt ttgtgtcaaa cggcaggcct atatgttgaa tgctttccac 360
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 cctgcttcg gcttctcatc tccccctaga tatgttccaa cgtcctaaaa tacaaccatt 1200
 caccgcgcgt ttaggggttt atcggaatgc ttatttcttc tcggcctg 1248

<210> 8446
 <211> 518
 <212> DNA
 <213> Aspergillus nidulans

<400> 8446

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 tgccccctag cttgaatcgg ttaccgaaga agaacatacg tccggccttt tatttcccga 180
 tgcgagtgtg cttcgacgct cgaataacca cgcctttcct ctccagaccg ctttcaattc 240
 tcccaatgtc tccgcagccg gtgcctacga tgatcgcggt ggtgtagagt tggaccctca 300
 gaaggacttt cgggttgtca ttgccagaa ctctctcggt gatagggagc catgcacctc 360

tcttgatact aaggccgaag cagcagaacc gggccccccc ggacctggaa tcgatttctca 420
 ggcgttttgaa aatcccgggtc acaggcatgc tcgcaccatg tcgtctcttt ctgcggggcg 480
 gcgaggtcat ctgactcaat catcattgat agatcaga 518

<210> 8447
 <211> 1553
 <212> DNA
 <213> Aspergillus nidulans

<400> 8447

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 gatgagcccg tctggatccc aattcggtcca ccatgggttg ttgctatcag catcccactg 180
 tggatttgct tagtgtaact ctgcgcgaca atgtggacaa aatatgtcga tccgttctgt 240
 gcccgcatga cccaaaagat ggagaaccac atgttcatcc aggacgagaa acctgcacag 300
 gccgaaacac tacccttgac ctccatgccg atgcagacga tgccaattca aaacgcctaa 360
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 tactgatata tttagctttc taccttcaat ttccaacgtc ttagagattt gaccatacat 480
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 tcccatccat cctttgaata actcatcata cctctctctg gtttcaactag cgcattcctga 1200

cccgttgccg tccgatagaa atatcaacca gcaaaccgat tcaagtctgt tccctctgca 1260
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 acgcaatgat tcaaagcctc atgagcataa caccagggct cccaacgccc eggcactcta 1380
 tcatcatccc aggccggtcc atagcgatgc ccgctttccg tgacctgacg caggaaaagg 1440
 tttgtttgtc gcgcgctcaa gaagctacgt tgatatagaa atatcaagta ccagagttgc 1500
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<210> 8448
 <211> 995
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8448

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 caagcatcga gcccgcgcgc gcgcgctggt aattgggggtg cactaccaa gtatcaaggt 480
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 attgcgggggt caatgaatgc ggccaaccag cggttgttag ggcggggatg tcagctggca 900
 cgatgggtga tagtttcaat gtgctggggg ttgtttttga ggtcattttc gcgggattaa 960
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<210> 8449
 <211> 962
 <212> DNA
 <213> Aspergillus nidulans

<400> 8449

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 aagttgaagg atgcgaagag aagatggaca gcttgagggtg ttgagaggat atgagtggag 900
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<210> 8450
 <211> 246
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
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taaaggagtg cgtgacgttg atgtttattn gacctctatt tgatctagag ataagtatgg 180
agccgttcgc taggcagggg tgcgagattcg gtgtactaat atgcgatact agcagagtgg 240
agcaca 246

<210> 8451
<211> 943
<212> DNA
<213> Aspergillus nidulans

<400> 8451

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aagaggggat ggggtgttaca gacaagcact cggaggtgtg acaaatgacg ccgggttgat 180
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<210> 8452
<211> 1166
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations

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caccaagagc cacgcacagc cccccgac aaaaaggacc cccaccgcac agagccccca 420
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<400> 8454

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<400> 8456

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<223> unsure at all n locations
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<400> 8459

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<210> 8460
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<400> 8460

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<400> 8463

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<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

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<213> *Aspergillus nidulans*

<400> 8465

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14213

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<210> 8467
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8467

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 <213> Aspergillus nidulans

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<213> Aspergillus nidulans

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<400> 8470

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8471

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 <400> 8472

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 <213> Aspergillus nidulans

<400> 8473

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<212> DNA

<213> *Aspergillus nidulans*

<400> 8475

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<400> 8476

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<400> 8477

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<210> 8481
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<212> DNA
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<400> 8481

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<210> 8482
 <211> 1134
 <212> DNA
 <213> Aspergillus nidulans

<400> 8482

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<210> 8483
 <211> 1416
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 <213> Aspergillus nidulans

<400> 8483

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<210> 8484
 <211> 342
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8484

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gcctggccga ccctgatcta tgctgccaag gcaagcttgt gtcaatgaac gacacacctc 180

aagatggacg gagcggaatg gcatagttag caccagcagt cagaccgtta gcgggtagcc 240

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<210> 8485

<211> 212

<212> DNA

<213> Aspergillus nidulans

<400> 8485

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ctcatcaccg gatagtgcgg acttacctga taatgccgga taagatgatg ccatgcagta 180

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<210> 8486

<211> 548

<212> DNA

<213> Aspergillus nidulans

<400> 8486

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cggatccac ttggaggggg agaagtggct tgtgtggggg agggggaatc tcgatgggtga 420

ccggtgctga agtgccagag accaataagg agctggaagc cacgggctgg atggaagctc 480

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<210> 8487
<211> 561
<212> DNA
<213> Aspergillus nidulans

<400> 8487

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<210> 8488
<211> 734
<212> DNA
<213> Aspergillus nidulans

<400> 8488

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<210> 8489
 <211> 600
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8490
 <211> 956
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8491
 <211> 124
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8492
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 8493

<211> 637
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<400> 8493

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<210> 8494
 <211> 1244
 <212> DNA
 <213> Aspergillus nidulans

<400> 8494

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<210> 8495
<211> 1082
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8495

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<210> 8496
 <211> 1064
 <212> DNA
 <213> *Aspergillus nidulans*

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<210> 8497
<211> 181
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8497

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g 181

<210> 8498
<211> 236
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8498

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ggttacgtcg ccgtgttacg agcttcctag ggcgacgtag ctanccgata tgtcgaccag 180
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<210> 8499
<211> 1211
<212> DNA
<213> Aspergillus nidulans
<400> 8499

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<210> 8500
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8500
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 <211> 2045
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8501

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<210> 8502
<211> 310
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8502

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atgaccctca agacggtgct ggaacatcag cantctngct ncngagacgn gacatctact 180
tcngaattaa tgagtcgatt cggctgtcct gcattcatca cagagcctgt cccatcacng 240
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agggagtgat 310

<210> 8503
<211> 113
<212> DNA
<213> Aspergillus nidulans
<400> 8503

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<210> 8504
<211> 1052
<212> DNA
<213> Aspergillus nidulans

[illegible]

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<211>	1060
<212>	DNA
<213>	Aspergillus nidulans

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gtttggcgcg	ttctaggatg	agacgggttc	ggttgctgcc	cgcggtgtga	aataacttgta	180
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<400> 8507

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cctgcagaca gctacccgac gaatctgac gtcgcccctt gaagccacct tgtctctcat 780
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<210> 8508

<211> 810

<212> DNA

<213> Aspergillus nidulans

<400> 8508

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 aattcaattt cacatatcat ctttattttc catcacaatt atttcattaa catatacgcc 780
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<210> 8509
 <211> 553
 <212> DNA
 <213> Aspergillus nidulans

<400> 8509
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 ttttagaaaa agt 553

<210> 8510
 <211> 1265
 <212> DNA
 <213> Aspergillus nidulans

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cggtttctag attccgttgg gcattctcaa ggagtactac tactaataat aatatcttgt 180
 acataaatac tcatatacct acataacaat gctgagcctt ggtgtcttat cactatgcct 240
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<210> 8511
 <211> 1771
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8511

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1771

<210> 8512

<211> 105

<212> DNA

<213> *Aspergillus nidulans*

<223> unsure at all n locations

<400> 8512

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cattgaacgg atttaagccg actgagcccg gcgcgttacg atttc 105

<210> 8513

<211> 1847

<212> DNA

<213> *Aspergillus nidulans*

<400> 8513

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<210> 8514
 <211> 782
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8514

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<210> 8515
 <211> 833
 <212> DNA
 <213> Aspergillus nidulans

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 agacctcaa ggttggactt ttgtcccgaa atcgcgcggg acgaaaaccg gcacaccctt 780
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<210> 8516
 <211> 899
 <212> DNA
 <213> Aspergillus nidulans

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<210> 8519
<211> 183
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8519

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<210> 8520
<211> 1666
<212> DNA
<213> Aspergillus nidulans
<400> 8520

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<212> DNA
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<400> 8521

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 <212> DNA
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<400> 8524

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<400> 8525

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 <212> DNA
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<400> 8526

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<210> 8527

<211> 1378
 <212> DNA
 <213> Aspergillus nidulans

<400> 8527

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<400> 8528

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<210> 8529
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8529

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<210> 8530
 <211> 912
 <212> DNA
 <213> Aspergillus nidulans

<400> 8530

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 <211> 250
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
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 <213> Aspergillus nidulans
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188

<210> 8533
<211> 175
<212> DNA
<213> Aspergillus nidulans

<400> 8533

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<210> 8534
<211> 100
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations

<400> 8534

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<212> DNA
<213> Aspergillus nidulans

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<210> 8536
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 <212> DNA
 <213> Aspergillus nidulans

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<400> 8537

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8538

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<213> Aspergillus nidulans
<400> 8539

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<210> 8540
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 8541
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 <213> Aspergillus nidulans

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<213> Aspergillus nidulans

<400> 8542

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<213> Aspergillus nidulans

<400> 8543

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<210> 8544
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8544

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<210> 8545
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8545

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<210> 8546
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<212> DNA
<213> Aspergillus nidulans

<400> 8546

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<210> 8547
<211> 1656
<212> DNA
<213> Aspergillus nidulans

<400> 8547

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 <213> Aspergillus nidulans

<400> 8548

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8549

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<210> 8551
 <211> 883
 <212> DNA
 <213> Aspergillus nidulans

<400> 8551

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<210> 8552
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 <212> DNA
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<400> 8552

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<210> 8553
<211> 2026
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8553

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<212> DNA
<213> Aspergillus nidulans

<400> 8554

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ccccgtcatg agtggcctcc gcaaattgtc ccatgatgct ctgaatctcc ggttgagaat 180
catcatcggt tgcacgctcc ttgccattgt atgctttctt gtcacgccc tccgggacgt 240

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 cctcgcccc ctcatggggc gtctccgac gagtttgccc tggatactg ggggtacggg 660
 gcgtctggga tacctgaagc ggacataaga taatcacata tattgagggg aggaaggaga 720
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 a 781

<210> 8555
 <211> 690
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8555
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 acatacttac atacgggcct tcccaatccc cccatatcaa atctccaccg accccatcga 180
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 gtccgttctc agacgtgtgc ggaatactcg aattgtcacg gccctctgac ctaagaçttt 480
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 cacttgacgc ttgattggaa cagctgcaac ccattggctg tgtcgacata ccacgatttt 600
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<210> 8556
 <211> 551
 <212> DNA
 <213> Aspergillus nidulans

<400> 8556

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 ccccgaccaa gcaatcgatt attgaatatg atcagccaaa agccagtttt cagataagtg 180
 ctctgatagc cgagtcagtc tgtaatcagc agatgttgaa gagcgatcgc cgagattcgg 240
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<210> 8557
 <211> 794
 <212> DNA
 <213> Aspergillus nidulans

<400> 8557

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 catgtctgct cgttcaagag ttcagaaatt ggtgggagca acaggcgcaa tggcaatagt 300
 cgtggttgac caggacaaag gctccgctat actagcgcgt cggaagtcgg cgagctcaaa 360
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 aaagggtagg aaattgggta ggcttgacgt gggccgctgc tgctgtaatg cggggcaaga 540
 agcggcggac ttggaactaa agtggcgccc acgccgcgtg gaagctgcag ttgcaataat 600

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 acgccaaactt agtaccgtct tgtgaatctg ccagcgagat tcaggggctg gaagtgtttt 720
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 gaaagactta gcag 794

<210> 8558
 <211> 742
 <212> DNA
 <213> Aspergillus nidulans

<400> 8558

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 ggcagcgcgt gagagtggca ttcttccatt cctatcaaca acacttggat tggcaccgcg 180
 tctcagtaac atctttacta tctctggctc ctcccgttcg acagcacatg acaatggcgt 240
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 cattacgtga tgggccattt ctacagcgtc gaacaggggc gtttgtccgg tggagtccgc 360
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<210> 8559
 <211> 1126
 <212> DNA
 <213> Aspergillus nidulans

<400> 8559

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ctcctgggct gcgtagatt gctatTTTT ttttctctc caagtcccaa acgcgttggt 420
 attacttgct tatatagagt tcagtccccg ctgcgggttc gggtactcag gagaaatcct 480
 gcagtcatta tagctaccac atgcgagccg tgggaaagga aggctcaaag cgacatcggt 540
 atgccttata aacttcacct agcggcgatt tgagaacagt gtcaccgcat gcacatcttc 600
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 cacatctgac tctgacacgt tctcacaag tacgcggtag tgtgagtgcc aaatttattg 720
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 aggtcgggtg atacgagcca gcgctgatcc ctcgataca gtcctaccct atgttcgtca 840
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<210> 8561
 <211> 161
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8561

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<210> 8562
 <211> 112
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8562

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<210> 8563
 <211> 426
 <212> DNA
 <213> Aspergillus nidulans

<400> 8563

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aagtgccaaa aacacactgc caaaggaacc ctgcgccatc agtgagcctt tcatccagtt 180
gacgaagttg ttaccagcta aaaattctgc caatccatcg tcttcttctt ccccgctctt 240
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attctcatcg agaaggctgt gacgtgaatt gttagggta tccgatccac tatcgaacga 360
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<210> 8564

<211> 1034

<212> DNA

<213> Aspergillus nidulans

<400> 8564

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gccgtctttt tccagccgac gtctctcccc tgcgggggtg gctcgaacca ctggggattc 180
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gcgctgggga tgagcttcgt atttctcgtc gaggtcgggg cctctgagcg gacaaagtcg 420
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gactgtatct acaaacctct cgggtacctc tcgtacagag tcggcctgct tgattcggct 540
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<210> 8565
 <211> 533
 <212> DNA
 <213> Aspergillus nidulans

<400> 8565

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 gttcaciaaag caagatggat ggcgatgagc gcgaggaagc gtatgctaca gcgagggctc 180
 tgagagcttg gtggaatgcc aggataagca gtacagagga gtatcttggt gagcgggcaa 240
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 gtctttgcat tactatctct aggtctctgt tgagtcatat gagagcaatt gcagtatttg 480
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<210> 8566
 <211> 903
 <212> DNA
 <213> Aspergillus nidulans

<400> 8566

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gcggctgaca tgtgatggga tgcgcttttg catcctgcgt cttaacagtt tgacgtgccg 780
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tct 903

<210> 8567
<211> 193
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8567

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ctccattcgt cgc 193

<210> 8568
<211> 893
<212> DNA
<213> Aspergillus nidulans
<400> 8568

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<210> 8569
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 <213> Aspergillus nidulans

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 tgatgaaacc atcaatgcat gttatagcca caactaaagc aattagttgg gtgttcgcac 720
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797

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<213> Aspergillus nidulans

<400> 8570

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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 aataagggtga ggaggcatcc cctccataac ggtaaaaaaa atttccctta acagaagggt 1620

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<210> 8572
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 <213> Aspergillus nidulans

<400> 8572

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<210> 8573
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8573

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<213> Aspergillus nidulans
<223> unsure at all n locations
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<213> Aspergillus nidulans
<400> 8577

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<210> 8578
<211> 1098
<212> DNA
<213> Aspergillus nidulans

<400> 8578

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<211> 1040

<212> DNA
 <213> Aspergillus nidulans

<400> 8579

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 <213> Aspergillus nidulans

<223> unsure at all n locations
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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
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<210> 8582
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<213> Aspergillus nidulans

<400> 8582

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<212> DNA
<213> Aspergillus nidulans

<400> 8584

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<212> DNA
<213> Aspergillus nidulans

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<210> 8586
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 <212> DNA
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<400> 8587

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<400> 8588

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<213> Aspergillus nidulans

<223> unsure at all n locations
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8593

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8594

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8595

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 <213> Aspergillus nidulans

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 <212> DNA
 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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577

<210> 8599

<211> 99

<212> DNA

<213> Aspergillus nidulans

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<212> DNA

<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

<400> 8601

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 <213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

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<212> DNA
<213> Aspergillus nidulans

<400> 8604

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<212> DNA
<213> Aspergillus nidulans

<400> 8605

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<213> Aspergillus nidulans
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<210> 8612
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<212> DNA
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<400> 8612

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<210> 8613
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<212> DNA
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<400> 8615

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<400> 8617

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 <213> *Aspergillus nidulans*
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<210> 8622
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<400> 8622

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<400> 8623

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<211> 1412
<212> DNA
<213> Aspergillus nidulans

<400> 8624

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<210> 8626
 <211> 233
 <212> DNA
 <213> Aspergillus nidulans

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 gtttgtgcag ctaccccaat cagcagccat cagtcggcct ataccgcac cagcaacatc 180
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<210> 8627
 <211> 633
 <212> DNA
 <213> Aspergillus nidulans

<400> 8627
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 tcgaagcgct ccaagccgag caatgccaat ttcttgccat ttgtccagat cactttctcg 240
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<210> 8628
 <211> 1602
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8628

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actttgtgtt acaaagaaga cttatatattt acataagtgc ct 1602

<210> 8629
<211> 860
<212> DNA
<213> Aspergillus nidulans

<400> 8629

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tttcagattg cgttccgttt ctttctcagc cttccagtcg ttctgtcgtt tgctgctcct 180
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atcaaagaag tgcttcgatt ctgcccac gctttaatta catcacctcc aggataacaa 600
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gaggtcgcat tcttgggccc gttttatact tccatcacag ccatatcctg ataataaatt 720
aatcgtgaat gcaacaatat gcgttcaggc aatccctctc cccaaaggag agcgcttcat 780

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<210> 8630
 <211> 161
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8630

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<210> 8631
 <211> 929
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8631

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 cattccagct gagacagagt gacattcgca ctgtaaccaa cccatctggt gtcataaaca 780
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<210> 8632
<211> 794
<212> DNA
<213> Aspergillus nidulans

<400> 8632

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gtgtttcaga gtcaatgctg cgccgcattt tgcccgattc cttctacca cctacgtctc 180
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gactctccga gctcccacaa aatgccaatg gcgaaaattt tgatattctc gaatggtatc 420
cgactatca aaactgccag cgttacttct tagaccatgc ccagcacagc agccctgttc 480
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caggaatgga ttaccgggg atgctccatg gtttcttgg tgatgactgg caatccggga 720
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gggctgtggt gaaa 794

<210> 8633
<211> 1567
<212> DNA
<213> Aspergillus nidulans

<400> 8633

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<210> 8634
<211> 633
<212> DNA
<213> Aspergillus nidulans

<400> 8634

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gacgacggcc tcgcggtcgt caggagcaaa gaggaacgag ttgatcgagc cgaccacgtt 180
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<210> 8635

<211> 103

<212> DNA

<213> Aspergillus nidulans

<400> 8635

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<210> 8636

<211> 963

<212> DNA

<213> Aspergillus nidulans

<400> 8636

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gctggtgatc cggaggagcc cgaggttgat gacaccgggg accttgagga acatccggca 180
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 aagaccagga agacgcattc atcatcacgt ttctggcaag cgcttgctg agcctgatga 660
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 tcaacaatta acagcttcag cactcttccc agggactgag ttggcctttc cgaccttgag 840
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<210> 8637
 <211> 431
 <212> DNA
 <213> Aspergillus nidulans

<400> 8637
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<210> 8638
 <211> 498
 <212> DNA
 <213> Aspergillus nidulans

<400> 8638

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tagaagcctt agtaagatta caaaaattag tactataagg aacctagtat atagtagaat 180

aataaatatt attttaatac tctctcttaa tatactttat aatTTtagta ttaagatata 240

tttctaagac tctaagctag taatagggtta taaggataaa gaaataatat tctaggagct 300

tatctaaatc tagtttttta ttttatagtt actatTTtta tatagtaggt aaagactatt 360

tactactaga ttagtatttt ctttaataata ataattttag agattaaatt ataatagata 420

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ctacagggtta tggcaggt 498

<210> 8639

<211> 514

<212> DNA

<213> Aspergillus nidulans

<400> 8639

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acccaagta ccatgccc aa gggaaagatt atgccaaagg aactcccat gagaatcata 180

tgaatccata gtgtcgagtc ctagaacatt ggcgcatgt cagtccgcgc aaagttaagc 240

atagctaggc agggcatcat acaatagggt cgtctgagat agcagcacct tcgggaacat 300

gcgaatggtc gccgtgagcc agggcagggg aagcgaggag caaagctcca agtaccgccg 360

gtaaacgaag agcgcccaac atcttgctt ctttgctggt ttgcggaaag aaggaggagg 420

atgaggggag agaagagagg caggcttacg aatcttctga ttgaaacgat cggaagcggg 480

ccgggtaatg gagacggaga ctgagaaatg gaga 514

<210> 8640

<211> 183

<212> DNA

<213> Aspergillus nidulans

<400> 8640

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cagccgtgcc ccgaggttca aaccatcctg gagatccaag gtatcatctg ggccagttgc 120
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ggt 183

<210> 8641
<211> 138
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8641

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ttctcagacc cgcggatt 138

<210> 8642
<211> 499
<212> DNA
<213> Aspergillus nidulans
<400> 8642

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<210> 8643
<211> 795
<212> DNA

<213> Aspergillus nidulans

<400> 8643

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<210> 8644

<211> 232

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<213> Aspergillus nidulans

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gcggtgtctg atatctgcga tagcagggt accggatggt gacattacca catccattcc 180
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<210> 8645

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<213> Aspergillus nidulans

[illegible]

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<213> Aspergillus nidulans

<400> 8646

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<210> 8647

<211> 433

<212> DNA

<213> Aspergillus nidulans

<400> 8647

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cagacccgct atagactagc atgatcgtg tggccgtgct aaccgatgtt accagggcac 360
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<210> 8648

<211> 1181

<212> DNA

<213> Aspergillus nidulans

<400> 8648

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<210> 8649

<211> 145

<212> DNA

<213> Aspergillus nidulans

<400> 8649

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145

<210> 8650
<211> 449
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8650

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<210> 8651
<211> 529
<212> DNA
<213> Aspergillus nidulans

<400> 8651

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<210> 8652
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 <213> Aspergillus nidulans

<400> 8652

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<210> 8653
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8653

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<210> 8656
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8656

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<213> *Aspergillus nidulans*

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 <212> DNA
 <213> Aspergillus nidulans

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<210> 8659
<211> 514
<212> DNA
<213> Aspergillus nidulans

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<210> 8660
<211> 604
<212> DNA
<213> Aspergillus nidulans

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<210> 8661
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 <213> Aspergillus nidulans

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<210> 8662
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<210> 8663
 <211> 466
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8663

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<400> 8664

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<400> 8667

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<211> 1261
<212> DNA
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<400> 8671

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8677

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ggcagaccgt acaattcccc tgggtcaatat gtgaagaggg ttcactatat cgcagtttcg 180
aaggaacttt gtctcgatcg aatcttcgac ctcgttaatg agcctctcta tttcctctgc 240
gtctttgaac tctagagaag caccaatatc cttcattttg actccagtcc gagtataaaa 300

aataaatacc ggctttatTT ttaaggttta ttttttacag ggaaccaacc tatagaaacc 1980
catcggttag ttgtatTTtc tcaactcaag gtctgggtaa aagattccta ttttaaatat 2040
cagttctttc actatTTttt ctgtagtttt tataacactc tctattatgt gcctttttcc 2100
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<210> 8678
<211> 902
<212> DNA
<213> Aspergillus nidulans

<400> 8678

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at 902

<210> 8679
<211> 1769

<400> 8682

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acaacaggta aaccggtgca catgccattg ggagaacatt gggaggataa gtcattagtg 180

agattactca cgacatcaac acccatccaa aggttggtgc catttgtagt gaatgggcct 240

ctccatgagg catttactac aatcgccgt gaaacagaga gcggcaccgt tccctcgccg 300

catggaacat ccgtgccaat catttcaaag gcgtccatgt cacaagcgtc tataaatgag 360

acaatttcat cgcgaactcc gtccaatgca tcacaatttt gaatcgccat actagtgaga 420

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tatgcgttgg gatattctctg cgcgacatca tcccttggcg tccgccctgg gagcagccgc 600

tgaaatacga ataagaaggc ttcttgccat agaagccctc agcaatactc tttccggcga 660

tggctgcac gttcaacgag acggatgcga aatcctcgag ccgatggaga tcaactttcc 720

ctggccgttc aaggatccaa tcatcaattc cttctcgcat gctgcggcca caatctgttg 780

atactgccgc atagccctcc cctacggccg ccaacatcgc cagcttgttt gcagaaaaca 840

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catccacacc agcacaaaag agatcagtat gagaccctgg ggaatctcgg tgacttaatg 1260

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<210> 8683

<211> 779

<212> DNA

<213> Aspergillus nidulans

<400> 8683

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gggagttggt aaggccttca ttacttattc attattccgc ccttcggtat tgttgatggt 180

ttcgagtccc tagcctaagg attcagcaga cagctctctg taactcttta gaaaatgcca 240

ttatactggg atcaactacc ctcttgga cgtgataatc aat'atattct ttcaggttat 300

aggactgtct ctaattcttt tgcgagtcg ttcgagatc ttggttatct ccataatgag 360

accgtcaaca tctactccca tcttatccct gcgattctcc tttcattttt cagcatcccg 420

ctccatacgt cactcaaggc caggtacaca aacgtatcaa cagcagatac tgtagttttg 480

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cagaatcatt ccccgacgt tgcacgcatt gcaaaccaaa tggattatat tggcattgta 600

ttcctgatcg ttggaagttt tgttccgagt atcttctatg ggttttactg ccaacctggt 660

ttacaaacgg tctatctaac catggtatgt cctgattatt ctttatatat taactgctga 720

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<210> 8684

<211> 2076

<212> DNA

<213> *Aspergillus nidulans*

<400> 8684

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aagaagagaa gaagaaaaga gagtaaaaaa gaagtgaaaa agaagaatag taggggtagg 180

aaagaaatag agaaaagatt aaagaggaag aaaagaaagt agtgaaagaa gaaagtaaaa 240

gaagagaaga gattaataaa agattgaggg gagtagaagt tagacattat aggagaaaaa 300

aaaagaaagg ggagcgtcac ccataaatag acagggaata aataaagagg ggaacaaaaa 360

attatagggg aaccaaccgg gaataagaaa tcaaaatatt gtccgggtaa ggaaaacgcc 420

cactccgaaa gttggtaaag gaatgcacta aaaggaaccc ctacatcaaa accctgtcaa 480

agtctggcac ccttccgggg attttaaggc gcggtcccct taatatgcgc aatggaccat 540

aaaactcgcc	aatatggggc	gcaaaattcg	cggccaatgc	ccccaaaat	acgagggtta	600
cgagaaagcc	ggcgtcaatt	gagacgccgg	atatggccat	ggaaccaatt	atatcgatca	660
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cgatgattaa	tgtgacctaa	acgaatgcag	cggagaacag	cccaactgac	gcggacactg	2040
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<210> 8685

<211> 99
<212> DNA
<213> Aspergillus nidulans

<400> 8685

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tcaatggtga ccgggtcctc gtgagctact caagcacat 99

<210> 8686
<211> 459
<212> DNA
<213> Aspergillus nidulans

<400> 8686

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<210> 8687
<211> 107
<212> DNA
<213> Aspergillus nidulans

<400> 8687

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<210> 8688
<211> 957
<212> DNA
<213> Aspergillus nidulans

<400> 8688

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<210> 8689
 <211> 995
 <212> DNA
 <213> Aspergillus nidulans

<400> 8689

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<210> 8690
 <211> 176
 <212> DNA
 <213> Aspergillus nidulans

<400> 8690
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<210> 8691
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 <212> DNA
 <213> Aspergillus nidulans

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<210> 8692
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 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8692

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<210> 8693
<211> 1376
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8693

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<210> 8695
 <211> 1021
 <212> DNA
 <213> *Aspergillus nidulans*
 <400> 8695

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 <212> DNA
 <213> Aspergillus nidulans

<400> 8696

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<400> 8697

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 <212> DNA
 <213> *Aspergillus nidulans*

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<400> 8700

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<400> 8702

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 <212> DNA
 <213> Aspergillus nidulans

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 <213> *Aspergillus nidulans*

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<212> DNA
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<400> 8709

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<210> 8710
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<213> Aspergillus nidulans

<400> 8710

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<210> 8711
<211> 825
<212> DNA
<213> Aspergillus nidulans

<400> 8711

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<213> Aspergillus nidulans

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<210> 8722
 <211> 100
 <212> DNA
 <213> Aspergillus nidulans

<400> 8722

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<210> 8723
 <211> 1072
 <212> DNA
 <213> Aspergillus nidulans

<400> 8723

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<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8724

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<211> 564
<212> DNA
<213> *Aspergillus nidulans*

<400> 8725

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<212> DNA
<213> *Aspergillus nidulans*

<400> 8726

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<210> 8727
 <211> 1783
 <212> DNA
 <213> Aspergillus nidulans

<400> 8727

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<210> 8728
<211> 1307
<212> DNA
<213> *Aspergillus nidulans*

<400> 8728

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1307

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<212> DNA

<213> *Aspergillus nidulans*

<400> 8729

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 <211> 647
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8730

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 <213> Aspergillus nidulans
 <400> 8731

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<210> 8732
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8732

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<210> 8733
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8733

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<212> DNA
<213> Aspergillus nidulans

<400> 8734

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<212> DNA
<213> Aspergillus nidulans

<400> 8750

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<213> Aspergillus nidulans

<400> 8753

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 <212> DNA
 <213> Aspergillus nidulans

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<212> DNA
 <213> Aspergillus nidulans
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<210> 8756
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 <213> Aspergillus nidulans
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<212> DNA
<213> Aspergillus nidulans
<400> 8757

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<213> Aspergillus nidulans

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 <213> Aspergillus nidulans

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<210> 8760
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 <213> Aspergillus nidulans

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<210> 8761
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 <213> Aspergillus nidulans

<400> 8761

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 <213> Aspergillus nidulans

<400> 8762

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<210> 8763
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<400> 8763

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<211> 165
<212> DNA
<213> Aspergillus nidulans

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<210> 8765
<211> 518
<212> DNA
<213> Aspergillus nidulans
<223> unsure at all n locations
<400> 8765

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ctaccaattc cactcctcac tcaactacaac aatacataat atccatccat tcctcacc 180
acctcacc ctcacttcac cactctctaa ctcaactata attcactacc gttccattac 240
taatccaacc caatatcttc cacactatat cctcaatct tactccacat ctaaacctta 300
ccatatcact atcactaact aattcctctt cttctacccc aatatctcta cattctat 360
actcatatac tattccacaa catgatacta cttctcttat tcntattaca cacctaacaa 420
ctacctacat ccaccttatt tatccactta ttcacccac caccataata caccacttct 480

ccacacattt tcactctcac accatactct caatattt 518

<210> 8766
<211> 145
<212> DNA
<213> Aspergillus nidulans

<400> 8766

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gacaaacact cagactagct cagaactggg gacgttcagc atacagacc ttgacggaaa 120

tatgcacatc gctgaaagtg cccag 145

<210> 8767
<211> 209
<212> DNA
<213> Aspergillus nidulans

<223> unsure at all n locations
<400> 8767

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gtggaagatc ccaccaacgt agtcgatggc gacactcttg ccaacgaact gntgctagaa 120

gtggcaagtg cagccagaga gggttcgctt tcagatgacc gggggaacaa gagcacagaa 180

acagacgtca ttgggctcag ctgcgagac 209

<210> 8768
<211> 579
<212> DNA
<213> Aspergillus nidulans

<400> 8768

caaactctct gggctgtttg ataccgccag caacaactag ctgctctaac acaagatctc 60

ctgaaagtca ttgacatttt aagaattttg atccatccat ctccctatcc tcttctacca 120

gtaaactctt ccaaacacat atccacaaat caactactct ttcatacatt ttactcttta 180

tatattacct aactacatc attattcatt cttcataca acatctctat atacatacac 240

accactcta ttcactaacc acaactctta cattcaataa ccaactaaca ttatctttac 300

atatttctcc ttttaatctt tacaactctc atattacca tcccatttta cccttcatta 360

actacttcta acacaatgat aaaaccacat cttattctt tctccatctc cctaccatat 420

caccctcttt acatatcaac attaacacat actcactttc cactcataca attcaccact 480
 ctattttactt cttaccaata ccttcacttt aatatctatc actcatttcc atctccattc 540
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<210> 8769
 <211> 1714
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8769

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 accaggaaac cctatatcgt actacataaa tccgatcggc attcagtcga tcattctgtc 180
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 ggacgcggtg ctgcaacccc aagccgggtc tgctcgacga ctcacgttac cagtgtgca 300
 aggcatggct tttgtgaccg gtatctacac tcaactgcag ccagtgggtc agagcgtgt 360
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 gacgcttgag gataactcga tttggctcat ctatgccatc ccagacaatg gacaggaccc 480
 caattttcag ttagtatcca ctaccgatct gcgaggacct agcggatggc ccgtactgt 540
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 tgtcttcgct gtcgaagcaa ccgtctccgg ttcagttgac ggccacacag gcacttaccg 660
 tcttgcttgg gccaaaggcag ggaaggagac tcagagcacg cctttgatga tgtttgctct 720
 gcctcaccat gtagcctcat tcgactccca gaccagcgc cgagctgtca atatcacgct 780
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 gacccacga actgttatat tagaattttt ttcctcgtt ggcccagcgt ttctcaataa 1560
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<210> 8770
 <211> 188
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8770

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 agccggtgtt tccacagaat attccacgca atggcattgt taaattgttt gtttacatac 180
 ctggattc 188

<210> 8771
 <211> 521
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8771

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 cattcttaaa atcacttact cttgctttta ctctctacca tcctattatc acatttacac 120
 cctcaatcaa tatttcccct cttttttcta ttccttctaa ttctcaactc ctatcctgat 180
 ctctatatc tctccttaca aactctttat taattttttt ttcattcctc ccacatcttt 240
 ttattacttc cctctcctc ttatcttctt ttcactttca cactataata caccttcctt 300

cttcttttct tccatatcca tctaatttca ttttccttaa tacttcatta catttcttcc 360
 ttectcaatc ctccatctca aaacattctt cactctatca tcaaagttaa tcaccttatt 420
 tttatttttc caatataaaa cattactcac acttccgtaa tcataattat attattttcc 480
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<210> 8772
 <211> 773
 <212> DNA
 <213> Aspergillus nidulans

<400> 8772

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 gagaacacgg aatggcaaga cttagtacaa cactgccagg gacatcgtgc atgcaacatt 180
 acgtacctga tccggtggca tccttgagca gaacgtccgt ttcacaaagt catcaatctc 240
 ttgccttgcg cgtggcgta aatcgtctgt cgccaggteg tcttccagcg caaatttggt 300
 ccatactact aggtgaacta tgcctttctt caatccgtat ggccagtcgt tgtgtaaaat 360
 ccgcataatc tctgtttagg cgcagcctcg ccgtcaacct aagcacgtct cgctagatat 420
 tcaagagcag gtcgctctt tcgcaaattg tatagaaact aaggagaaca aaccttcgta 480
 ctcgaaacggg tgacccttag gcttcaggte ttcggcagtt ccctctccc agccgagccg 540
 ctcttaacc acgaatcgca ttatagagcc atacttagct acgatctgct ccttgaattg 600
 tagatatctc ctcaagtcac tgggcaggcg ttggaagaga tcaatacggg tggtttctat 660
 agagacgaga attagagatt gtatgcacaa gaaatcagat atatcacgta ccgactatct 720
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<210> 8773
 <211> 531
 <212> DNA
 <213> Aspergillus nidulans

<400> 8773

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cacataatac caatcattat caattatattt atataataac cataattcat tccctctctc 180
 acttttccact aacctcactc atcatattat tttcctttcc cttaccact catattaatt 240
 ctctctacca ctcatacata catctccact aaaccacaat acaacttatac tatttttccct 300
 ataaatatat acacagtcac atccatctct tacttactta cactttactc tatataactt 360
 atgacctact gtcatacatt ctacattctt cactttctct cttaaaagtt tgaaattcat 420
 attacactac tacataaact gctaacatat ttttttatca atattctact catattttat 480
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<210> 8774
 <211> 126
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8774
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 agtgctgaaa gcgggggaga gccgactaat cgttccctcg ccatgagtg acccagaaca 120
 ctgcga 126

<210> 8775
 <211> 1588
 <212> DNA
 <213> *Aspergillus nidulans*

<223> unsure at all n locations
 <400> 8775

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 atgttatata gacaagggtt agagggaata cggaataatc caaatttttag agctttaaca 180
 aaagggttta gggcaattcc tattgacggg agagtagtta aaacggattc ataaattgag 240
 ggactaggct catttacacg ttttcttctc aagtgggctt cagtgtaaag gggaagctag 300
 ttttctgga agtttgtaac aggacaaaaa ggttccaata tccatcaact tggccaggaa 360
 tgcctcacta ttgtaattcc ttttttcgac ggtggtgtat aaatcgcagg ggactattag 420
 tttatgctta ggccatgaac cggatatagat cacggtctga gtccagtctt tgttggtgta 480
 tttggttggg ggggagagca aaagggtcgt caaaattatt gtcgccggcc cactcggaca 540

taagttatgg agtcggcttt tagtcgacac tagagtaata gcttcggcga cagattttgcg 600
 tatgtaattg taggtaggca catactttgt tggtcgagac attgcggctg ttttgtggtg 660
 ctgggaatcg tgtttgaaag attctggatt tctgaaagct gaatctcccg ttgtggattt 720
 gttcgccggg agtgtggtgt ggcgcttgtg gcggtgcatt tacggtcacg tgctactctc 780
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 acgcgatgaa gttcataaaa ttctccaaca ccgtttcaaa atggggagtaa cccggggattg 1440
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<210> 8776
 <211> 736
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8776

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 gaactcatat gtagttcttc taggctcgag agaagagaga gcgtcgagtg actgttatca 180
 gttggcatac cttccactgc aacgaaagcg ttctgaggac catacatcta caaaggacga 240
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 caaaagagct aatccaaaga gaagaccgac taaaactgtt ccagagaagg attcggccgg 660
 atcgtgccct tcaatctgct atctgatatt gatgtcgaaa aactttcaag cggccaaaag 720
 tcggaatgtt gattat 736

<210> 8777
 <211> 466
 <212> DNA
 <213> Aspergillus nidulans
 <400> 8777

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 cttggtgtca agattgcagc caacgatctt gaacacgcca ttgctggctc tcgtctcatg 180
 gttgtcggac ctgacgatga cgaggaggat attgaagaag aagtcatgtc tgatctcgag 240
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 ggttctctag aagctctgct cgagttcctt cgtgtctcta agattccagt tgccaacatc 360
 tccattggtc ccgtctacaa gcgcgatgtc atgatgtgcg gtacaatgtt ggagaaggcc 420
 aaggagtacg cggatcatgct ctgcttcgat gtcaagggtg ataagg 466

<210> 8778
 <211> 1277
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8778

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<210> 8779
<211> 495
<212> DNA
<213> Aspergillus nidulans

<400> 8779

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 gcgcgcgggt gacagccgat caagcaagct ccttgcccgt atgccctcaa gtaagggtga 420
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<210> 8780
 <211> 555
 <212> DNA
 <213> Aspergillus nidulans

<400> 8780
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 ctcaaaaaca tctacatcat ccactaccac taccacttaa cactcctatt ccactcccta 240
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<210> 8781
 <211> 2146
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8781

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aaagcatgga ctaaggtgct ccaccattat agtacaggaa aatatcagga taaaaggaaa 1440
gaggggcagg gaatcataga agacagaaaa ccagaaaaaa aaaaaaaaag ggaaataaag 1500
aagaacctta aaaatcacac attttttatg ccatggttat cattatgaat taagaggttc 1560
tcccctgcmg agatggagcc ctaggatcac ctctcccgtc tgttcataga catggtaaag 1620
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gatctgacgt cgtaaacggt agatgatggt agttgccgcc gctagtatcg ccggaaattg 1860
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 ttgngcgaa gtaatgacct aagtcggtgg tgctgctgtg atcgtgcaga tttgctggat 1980
 tatggtgtga cggcacataa tggctttatt gccgagttca taggttcaaa gtttgaccaa 2040
 aggataaata ggatttgagc attaccgtgt gccgttgaaa cgtaatcccg ccgttggtta 2100
 aatcctgggt gaggggtggga ggggtaagcc taggttgggt tttttt 2146

<210> 8782
 <211> 1226
 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8782
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<210> 8786
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 <212> DNA
 <213> *Aspergillus nidulans*

<400> 8786

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<210> 8788
 <211> 523
 <212> DNA
 <213> Aspergillus nidulans

<400> 8788

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<210> 8789
 <211> 634
 <212> DNA
 <213> Aspergillus nidulans

<400> 8789

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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8790

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 aaatgataag aaatatccta agtttacaga gtaattacta ttaaatatag attattattt 240
 tactaagtat tgcaagatta cttatatcct aagctatata aagggcctta tatactacta 300
 gattataata ttcttatata tatatatata gatagcaaga ccttatatta ttcctaattc 360
 taaaatttgg ctattataat atattactag attaattata gctaaaaaag taatatattt 420
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 tactaataag aagttatata aaaagaagtt atataaaaaa actagataaa ataaagaaat 600
 tatttagtat gagtctacta cttgcctcta cctgtctaata aactagatta ttagattata 660
 ctagtaaaga tagaaaatat tatgaaggct ttttataaag atctaggatt ataaaaactt 720

actaagttag atctaaagaa agaaaggctg caaaagaatc tagtaatttg gaaattaa 778

<210> 8791
<211> 1445
<212> DNA
<213> Aspergillus nidulans

<400> 8791

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<210> 8792
 <211> 600
 <212> DNA
 <213> Aspergillus nidulans

<400> 8792

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<210> 8793
 <211> 621
 <212> DNA
 <213> Aspergillus nidulans

<400> 8793

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<210> 8794
<211> 568
<212> DNA
<213> Aspergillus nidulans

<400> 8794

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<210> 8795
<211> 865
<212> DNA
<213> Aspergillus nidulans

<400> 8795

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<210> 8796
 <211> 515
 <212> DNA
 <213> Aspergillus nidulans

<400> 8796

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<210> 8797
 <211> 155
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8797

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 ggttcgcaga tgctgacatc tggcatccgg agaag 155

<210> 8798
 <211> 636
 <212> DNA
 <213> Aspergillus nidulans

<400> 8798

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<210> 8799
 <211> 736
 <212> DNA
 <213> Aspergillus nidulans

<400> 8799

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<210> 8800
 <211> 922
 <212> DNA
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<210> 8801
 <211> 646
 <212> DNA
 <213> Aspergillus nidulans

<400> 8801

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<210> 8802
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 <212> DNA
 <213> Aspergillus nidulans

<400> 8802

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<210> 8804
<211> 103
<212> DNA
<213> Aspergillus nidulans

<400> 8804

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<210> 8805
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<212> DNA
<213> Aspergillus nidulans

<400> 8805

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<213> Aspergillus nidulans

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tagctctctg cagggacgga cgcgcgacct gccgcagagc aacagggcgg accataacag 660

cgggcggact acgtgccagg gcggaacgag accagaccac ggcacagctt aagagcgcgga 720

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agagggcagt ca 792

<210> 8807

<211> 246

<212> DNA

<213> Aspergillus nidulans

<223> unsure at all n locations

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atacggcgaa atggagatct caagaagtcg acatgtactg gtctcgagca accgcaagcg 180

tcgcggctga ggtgtagaat gcctggaacc tagctgtatc cagtagaaga acgacaccag 240

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<210> 8808

<211> 467

<212> DNA

<213> Aspergillus nidulans

<400> 8808

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<210> 8809

<211> 1503

<212> DNA

<213> Aspergillus nidulans

<400> 8809

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 <213> *Aspergillus nidulans*

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<210> 8813
 <211> 764
 <212> DNA
 <213> *Aspergillus nidulans*

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 caccacaaaa agcagcgttt catcctcata gaccggcgtc acccgtagat tgtgcgctat 180
 cttttccccc accacgacat gttccaccac ctggatttct cgagtcgagc aggcggcacg 240
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<210> 8814
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 <212> DNA
 <213> Aspergillus nidulans
 <400> 8814

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<210> 8817
 <211> 327
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8817

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<210> 8818
 <211> 108

<212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8818

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 <213> Aspergillus nidulans
 <400> 8819

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<210> 8821
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<212> DNA
<213> Aspergillus nidulans
<400> 8821

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<212> DNA
<213> Aspergillus nidulans
<400> 8822

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<210> 8823
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<400> 8823

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119

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Aspergillus nidulans

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<210> 8846
 <211> 1312
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8846

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<210> 8847
<211> 831
<212> DNA
<213> Aspergillus nidulans

<400> 8847
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<210> 8848
<211> 1702
<212> DNA
<213> Aspergillus nidulans

<400>

8848

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<210> 8849
 <211> 474
 <212> DNA
 <213> Aspergillus nidulans

<223> unsure at all n locations
 <400> 8849

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<210> 8850
 <211> 987
 <212> DNA
 <213> Aspergillus nidulans

<400> 8850

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 <211> 272
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8851

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 gtagagagac gatgaaattg cctttgttaa tgttcagggt gatatgcgaa ctgaacgtca 240
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<210> 8852
 <211> 391
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8852

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<210> 8854
 <211> 1427
 <212> DNA
 <213> Aspergillus nidulans

<400> 8854

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 aggagaaagg agagagagta gcgagagagt aaagaatttt gagaataaca aagacaagga 180
 gagtaagaaa aaaataaggg gcgattaat aaaaatagag cgtagattac caatacaag 240
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<210> 8855
 <211> 1327
 <212> DNA
 <213> Aspergillus nidulans
 <223> unsure at all n locations
 <400> 8855

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<210> 8859
 <211> 626
 <212> DNA
 <213> Aspergillus nidulans

<400> 8859
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<210> 8860
 <211> 1577
 <212> DNA
 <213> Aspergillus nidulans

<400>

8860

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1577

<210> 8861
<211> 973
<212> DNA
<213> Aspergillus nidulans

<400> 8861

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<400> 8866

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<400> 8868

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<400> 8869

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